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ABSTRACT

Based on a recent study of Israel's higher education, this publication describes the organization of higher education in Israel, makes placement recommendations at U.S. institutions based on Israeli credentials, and describes individual postsecondary institutions in Israel. Part 1 explains the organization of higher education in Israel where postsecondary education is offered at vocational institutions, technical colleges and schools. Higher education is offered at institutions overseen by the Council of Higher Education. Part 1 also describes undergraduate degree programs, graduate programs, and grading systems. Part 2 contains the placement recommendations approved by the National Council on the Evaluation of Foreign Educational Credentials. Part 3 describes the individual institutions including: universities, teacher training colleges, regional colleges associated with universities, and nonacademic postsecondary institutions (teacher training colleges and schools for practical engineering, paramedical professions, technical training, nursing, and the arts). Appendixes contain a list of degrees awarded by institutions in higher education in Israel and a list of useful addresses. Also included are sample transcripts from several different types of institutions. (JB)

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Higher Education in Israel

A PIER World Education Series Special Report

by

Ann Fletcher
Stanford University

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American Association of Collegiate Registrars and Admissions Officers

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and
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Membership of the Council reflects the diversity of U.S. educational institutions for which recommendations are made. Member organizations are the American Association of Community Colleges (AACC), the American Association of Collegiate Registrars and Admissions Officers (AACRAO), the American Council on Education (ACE), The College Board, the Council of Graduate Schools (CGS), the Institute of International Education (IIE), and NAFSA: Association of International Educators. Observers from U.S. organizations interested in international education include the United States Information Agency (USIA), the Agency for International Development (AACRAO-AID), and the New York State Education Department.

Their representatives for 1992-93 are listed below. See page 12 for a description of the Council's role, and a guide to the understanding of its placement recommendations for this volume.

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Preface

In 1991 the Projects for International Education Research (PIER) Committee commissioned new research on higher education in Israel. The charge was to look primarily at undergraduate programs leading to the bachelor's degree and to work with the National Council on the Evaluation of Foreign Educational Credentials (the Council) to determine whether previously published placement recommendations should be reconsidered. The Council met in June 1992 to review the manuscript and to approve the recommendations included in this publication.

The amount of time required to complete an academic program, as defined in years of study, is an important factor in determining comparability of degrees. However, several other factors were considered in evaluating the comparability of the Israeli three-year bachelor's degree and the U.S. bachelor's degree:

- *Quantity of work required for the degree, as measured by credit or semester hours*. With very few exceptions, Israeli three-year bachelor's degrees require at least 120 semester credits or hours, measured in accordance with U.S. practices. Thus the Israeli three-year bachelor's program is comparable to a U.S. bachelor's program completed in three years by taking heavy course loads.

- *Content of the program*. Credits or hours required for three-year bachelor's degrees are defined almost entirely in terms of major subject(s), minor subjects, and supplementary courses. Thus, for example, religious course requirements are an addition to major subject requirements.

- *The level of study represented by completion of the degree*. Indicators include the level of coursework required in the first year to qualify for credit (i.e., in mathematics, languages), the nature of the curriculum that builds from introductory courses to advanced seminars and pro-seminars where advanced methodology and research in a discipline are covered, and anecdotal reports of professors who have taught extensively at Israeli and U.S. institutions.

- *The nature of the program*. The three-year B.A. and B.Sc. degrees are the primary academic degrees. They are awarded by comprehensive research universities that offer bachelor's, master's, and doctoral degrees. Faculty members are actively involved in the research and literature of their professions. The requirements and expectations for bachelor's degree programs are that the curriculum is a complete program of study preparing graduates for professional work and for graduate study.

While this study is highly focused, no academic program can be adequately described in isolation from the system of which it is a part. Thus information on the Israeli *bagrut* examinations, other university degree programs, and degree programs offered by nonuniversity institutions of higher education are included here, albeit in more abbreviated form.

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Several officials in Israel provided invaluable information on Israeli education. I am extremely grateful to the information and friendly guidance provided by Michal Beller, the Director General of the National Institute for Testing and Evaluation. In addition to her coordination of a major information-gathering campaign involving all of the Israeli universities, she provided invaluable assistance in her responses to my numerous questions and requests for additional data.

Amnon Pazy, Chairman of the Planning and Budgeting Committee of the Council for Higher Education, and his staff have also been important sources of information and insights into Israeli higher education. I would particularly like to recognize Techia Karcz of the Council for Higher Education for her strong interest in and informational support for my research.

Finally, I thank Reuven Kaminer, Director of the Office of Overseas Students Administration at The Hebrew University of Jerusalem for his kind assistance and perceptive comments. Although they are not named individually here, I am grateful to the university administrators who provided detailed descriptions of degree requirements and transcripts that form the basis of much of my analysis.

This has been a personally rewarding project because of the interesting nature of the study and the invaluable support of colleagues in Israel.

Ann Fletcher
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Map

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Part I. Organization of Higher Education

Tertiary education in Israel is designated as either postsecondary education or higher education. Postsecondary education is offered at vocational institutions such as teacher training colleges, technical colleges and schools, and paramedical schools. These institutions are under the supervision of the ministries of Education and Culture, Labor and Social Welfare, and/or Health. Postsecondary programs do not lead to an academic degree.

Higher education is under the jurisdiction of the Council for Higher Education, a statutory body whose *ex-officio* chairman is the Minister of Education and Culture. The Council is composed of 19 to 24 additional members personally appointed by the President of Israel, on recommendation of the government. At least two-thirds of the members must have academic standing. The Council has the sole power to accredit institutions of higher education and to authorize them to award academic degrees. It is empowered by law to advise the government on the development and financing of higher education and scientific research. Its Planning and Budgeting Committee proposes and supervises the allocation of funds, proposes plans for development, and promotes efficiency within and among institutions of higher education. Israeli institutions have autonomous control, however, over many academic policies, including requirements for the awarding of degrees.

A permit from the Council for Higher Education is by law the first requirement for opening or operating an institution of higher education. The second stage is accreditation, and the third is authorization to award degrees. Institutions that are not universities may be authorized to award the bachelor's degree only.

Higher education is offered by three types of institutions:

- universities;
- nonuniversity institutions of higher education offering instruction in specific fields, such as technology, the arts, and teacher training;
- regional colleges offering academic courses for which universities are academically responsible.

Universities. Six research and teaching universities offer bachelor's, master's, and doctoral degree programs: Bar-Ilan University, Ben-Gurion University of the Negev, The University of Haifa, The Hebrew University of Jerusalem, The Technion - Israel Institute of Technology, and Tel Aviv University. The Weizmann Institute of Science is a research institute offering only master's and doctoral programs. The Open University of Israel offers undergraduate courses leading to the Bachelor of Arts degree through distance learning programs.

Nonuniversity institutions of higher education. These include Bezalel Academy of Arts and Design, Jerusalem Rubin Academy of Music and Dance, Jerusalem College of Technology, Shenkar College of Textile Technology and Fashion, Ruppin Institute of Agriculture, and the College of Management-Academic Studies, Tel Aviv. The eight teacher training colleges are The David Yellin Teachers College, Michlala - Jerusalem College for Women, Beit-Berl Teachers College, Levinsky Teachers College, Zinman College of Physical Education at the Wingate Institute, State Teachers College - Seminar Hakibbutzim, ORT Academic College for Teachers in Technology - Jerusalem, and Oranim - The School of Education of the Kibbutz Movement. These institutions have authority to award bachelor's degrees in certain fields only.

Regional colleges. Nine regional colleges offer academic and pre-academic courses supervised by Israeli universities. Students may begin their studies at a regional college and subsequently complete their studies in the university that supervises the college.

Table 1 lists enrollment of first and advanced degree students at different higher education institutions between 1980-81 and 1990-91. Table 2 lists students in higher education institutions by field between 1981-82 and 1991-92.

Institutions of higher education are, by law, autonomous in the conduct of academic and administrative affairs. Universities receive approximately 50% of their total recurrent budget and 15% of their development budget from public funds. The rest of their income is from tuition and student fees (which cover 15% to 20%), contributions, and other sources.

Higher education in Israel follows 12 years of primary and secondary education. Most bachelor's degree programs at universities require three years of study while professional and specialized programs require four to seven years. Bachelor's degree programs at nonuniversity institutions generally require four years. Master's degrees require two years of advanced coursework and research beyond the bachelor's degree. The Ph.D. and

Table 1. Students in Institutions of Higher Education* by Type of Institution and Degree Level, 1980-81 to 1990-91

Year	First Degree Students				Advanced Degree Students	Grand Total
	Universities	Teacher Training Colleges**	Other Institutions	Total	Universities***	
1980-81	40,910	712	1,321	42,943	14,930	57,873
1981-82	41,960	732	1,295	43,987	15,255	59,242
1982-83	43,380	702	1,518	45,600	15,265	60,865
1983-84	44,815	861	1,621	47,297	15,795	63,092
1984-85	44,355	1,033	1,848	47,236	16,800	64,036
1985-86	44,945	3,967	1,909	50,821	17,415	68,236
1986-87	45,480	4,058	1,879	51,417	18,020	69,437
1987-88	45,730	4,431	2,648	52,809	18,460	71,269
1988-89	45,880	4,735	3,329	53,944	19,200	73,144
1989-90	46,960	4,746	3,540	55,246	20,810	76,056
1990-91	48,750	5,701	3,858	58,309	22,440	80,749

* Students at the Open University are not included.

** Beginning in 1985-86 the data include students in all years of study in a program leading towards a bachelor's of education (B.Ed.) degree. Prior to this year the figures include all students in programs for teaching at the general secondary level (grades 7-10) and fourth-year students only of other academic programs of study.

*** Includes students studying toward the equivalent of a second degree, third degree or diploma.

Table 2. Students in Teacher Training Colleges and Other Institutions of Higher Education by Field of Study, 1981-82 to 1991-92

Year	Engineering & Applied Sciences*	Economics & Business Administration	Arts & Design*	Teaching**	Total
1981-82	405	100	816	712	2,033
1982-83	407	122	766	732	2,027
1983-84	439	127	952	702	2,220
1984-85	523	177	921	861	2,482
1985-86	604	219	1,025	1,033	2,881
1986-87	702	216	991	3,967	5,876
1987-88	691	216	972	4,058	5,937
1988-89	702	928	1,018	4,491	7,139
1989-90	518	1,617	1,194	4,735	8,064
1990-91	475	1,877	1,188	4,746	8,286
1991-92	486	2,142	1,230	5,701	9,559

* Until 1987-88 students of textile design and fashion were included in "engineering and applied science." From 1987-88 onwards the above students were included in "art and design."

** Beginning in 1985-86 all academic track students in all years of study were included. Prior to 1985-86 the figures include all students in the general and secondary education track and students in the fourth years of their studies only in the other academic tracks.

D.Sc. are research degrees awarded for original research as demonstrated in a dissertation. Master's and doctoral programs are offered only at the six comprehensive universities and the Weizmann Institute of Science.

The following statistics provided by the Council for Higher Education are illustrative of the keen competitiveness of the Israeli educational system: The 1969 cohort contained 80,000 children. Only 53,600 completed 12 years of primary and secondary studies, and 25,900 received a *Teudat Bagrut* (secondary school matriculation certificate) enabling them to apply for admission to higher education programs. Of those students, 15,400 began university studies in 1991. Another 3,000 were studying in nonuniversity institutions of higher education. Thus only 23% of the age cohort was enrolled in higher education. However, in the last decade the undergraduate student population has grown by 30% while the relevant age group has grown by 10%.

Undergraduate Degree Programs

Admission Requirements

Policies regarding admission to Israeli universities are often publicly debated. Proponents of open admissions support the philosophy that candidates should have a chance to demonstrate their abilities. Others counter that the cost of failure, for both the university and the student, is too high and that objective selection devices should be used to identify those applicants who are most likely to succeed. The latter view has dominated higher education policy since the early 1970s.

Each university is autonomous in determining its admissions policies and selection devices. However, the basic requirements for admission to university bachelor's degree programs are as follows:

1. *Teudat Bagrut* (Matriculation Certificate) or its equivalent;
2. The Psychometric Entrance Test (PET) administered by the National Institute for Testing and Evaluation (some schools accept the SAT as a substitute);
3. Hebrew proficiency—sufficient knowledge of Hebrew to participate in regular studies, as determined by each university and department;
4. English proficiency at a level specified by each university and department;
5. Other entrance examinations or special requirements as specified by individual faculties.

The *Teudat Bagrut* formerly entitled holders to admission to higher education institutions. However, particularly with changes to the matriculation examinations in the 1970s, universities began to administer additional entrance examinations to select students. In 1981 the National Institute for Testing and Evaluation (NITE) was founded jointly by all Israeli universities as a nonprofit organization and, since 1983, national Psychometric Entrance Tests (PET) have been administered by NITE. Admissions decisions are based primarily on a composite score comprising two components: the *Teudat Bagrut*, which is based on both school assessment and nationwide achievement tests, and the Psychometric Entrance Test, which is described as a scholastic aptitude test.

The *Bagrut* national examinations are devised, supervised, and graded by the Ministry of Education and Culture with the administrative assistance of high schools. Until 1975 all students took examinations in a set number of subjects at the same level.

A 1976 reform introduced three levels of examinations, each carrying a different number of unit values. Students can elect to take a subject at Regular Level 1-2, Intermediate Level 3-4, or Upper Level 5-6, each reflecting a different degree of difficulty. The highest level is only for the very gifted and only a limited number of subjects are offered at this level. The unit value reflects the level of difficulty and extent of the subject matter covered. A unit is roughly defined as 90 hours of study, approximately three hours per week for one year. In addition, units represent different types of examinations. The Biology 5 Unit exam comprises 3 units based on a written exam, 1 unit based on an oral exam, and 1 unit based on a laboratory exam; the Biology 4 Unit comprises 3 units based on a written exam (the same exam as for Biology 5 Unit), and a 1 unit laboratory exam; Biology 3 Unit comprises 2 units based on a written exam of a lower level than for Biology 4 and 5, combined with a lower level laboratory exam, and 1 unit based on an oral exam.

The *Bagrut* examinations at any level represent solid achievement in secondary school work. For example, the lowest level of mathematics covers algebra, geometry, and trigonometry, while higher-level mathematics includes introductory calculus, analytical geometry, and statistics.

The *Teudat Bagrut* is awarded to students who earn a minimum of 20 units in compulsory subjects which include Bible, civics, English language, Hebrew grammar and composition, Hebrew literature, Jewish history, and mathematics (or science).

The matriculation certificate is based on both school assessment and the *bagrut* exams.

The Psychometric Entrance Test (PET) is a multiple choice examination similar to the SAT. It is designed to measure abilities in three areas: verbal reasoning, quantitative reasoning, and knowledge of English. Examination results are reported in two parts: a total psychometric score which is a composite of standardized scores in the three areas tested; and an English placement score. Foreign students may also take a Hebrew proficiency test.

Candidates apply to a specific department or program. Applicants to each area of study at each university are rank ordered on the basis of their composite score from the results of the matriculation certificate and the PET exams. Cutoff scores are determined by the competition for available openings, and in some cases, independent of admissions quotas to ensure that students meet basic standards as determined by the faculty. Additional selection devices are used when required (e.g., proficiency tests in music, math and languages; interviews and personality inventories for medicine). University programs are not designed to include attention to academic deficiencies. Candidates who do not yet have an acceptable level of preparation are required to complete preparatory programs prior to qualifying for admission.

Most students must interrupt their studies between secondary school and tertiary education to fulfill military obligations. Thus PET scores are often considered more reliable indicators of university performance as these examinations may be taken two to five years after receipt of the matriculation certificate. However, matriculation certificate scores are valid for five years, and recently more students have been taking PET examinations at the end of secondary school.

Admission of Overseas Students

The general admissions requirements for overseas students are completion of one of the following:

- a level of education equivalent to the Israeli matriculation certificate; or
- one year of studies at an accredited college or university; or
- one year of preparatory studies at a university in Israel.

Faculties then require students to reach a specific level of achievement on either:

- the Scholastic Aptitude Test, or
- the Psychometric Entrance Examination.

Candidates must also demonstrate proficiency in the Hebrew language by passing a specified level on the Hebrew Proficiency Examination, and demonstrating proficiency in English.

Overseas students are generally required to complete a full year of coursework prior to beginning the first year of a university degree program. The *mechina (pl. mechinot)* is a program for overseas students who require additional preparation to qualify for admission to Israeli universities. These programs provide training in Hebrew and English, Jewish and Israeli studies, and prerequisites for study in specific faculties. Students who complete these programs and are subsequently admitted to Israeli universities must complete the full requirements for a degree. No advanced placement or reduction of degree requirements is awarded for *mechina* study.

In general, Israeli university admissions policies do not recognize a U.S. high school diploma as equivalent to the Israeli *Teudat Bagrut*. For instance, The Hebrew University of Jerusalem requires one of the following for students from the United States: one full year of study at a recognized university *mechina* in Israel, one full year of university studies in Israel or abroad, or successful completion of four Advanced Placement (AP) exams (i.e., a score of 3 or higher on each exam) or three AP exams with scores of 4 or higher on each exam. The Technion - Israel Institute of Technology evaluates secondary school transcripts prior to formal application to determine whether an applicant may qualify for admission and on what terms or to suggest completion of a preparatory program before the student files a formal application. At Tel Aviv University, graduates of U.S. and Canadian high schools with a grade average of B, a knowledge of Hebrew, and Scholastic Aptitude Test scores of at least 1200 may apply directly for university admission (except in engineering and medicine). Ben-Gurion University of the Negev requires all applicants to take the NITE and several departments (Mathematics, Computer Sciences, Foreign Literatures, Linguistics, Hebrew Language and Literature) require additional entrance examinations.

Bachelor's Degree Programs

According to rules established in 1964 by the Council for Higher Education, the minimum length of study for a bachelor's degree is three years, or the equivalent in evening study. Most bachelor's degree programs at universi-

ties require three years of intensive study in a single or dual major. Four-year university bachelor's programs are in professionally oriented fields such as law, engineering, and nursing. However, there are no nationwide specifications for the length of a program in these fields and some universities offer nursing and law programs that require fewer than four years. Bachelor's degree programs at nonuniversity institutions generally require four years of study.

Requirements for degrees are specified in terms of credits or credit points. (Hours may be used where no distinction is made between hours and credits.) Transcripts may show weekly hours in addition to credit points, but the credit points reflect weighting of courses for degree requirements. One credit point is awarded for one hour per week of frontal classroom work per term. Class attendance is required and terms are 13 to 14 weeks long, exclusive of holidays and examination periods. Similar to U.S. practices, laboratory, workshop, exercise, and practicum weekly hours are converted to .5 credit points. However, additional credit points are awarded for special tasks, such as seminar papers. For example, in the Political Science Department at The Hebrew University of Jerusalem, advanced seminars yield 8 credit points, 4 credits for participation and examination results and 4 points for a major paper. More limited papers yield 2 credit points.

The regular academic terms do not include examination periods. For every course, final examinations are offered in two or sometimes three sessions during the summer, a policy clearly unpopular with faculty who must prepare multiple examinations for each course. The two examination periods at The Hebrew University of Jerusalem are from the end of June through August and from the end of August through October. Students spend most of the summer months preparing for examinations and completing written course assignments and seminar papers. Depending on summer military obligations and personal preference, students distribute the examinations for their courses between the two examination periods, devising a study strategy to maximize strong performance. Thus the multiple examination periods are used primarily for arranging a manageable schedule for study preparation and less frequently for retaking examinations. The deadline for completion of papers and other requirements is usually just prior to the start of the next academic year.

Three-Year Programs

Bachelor's degree programs are designed for mature students who are expected to complete an intense academic curriculum in a specialized field of study. Students apply to a particular faculty and complete a serious concentration in a specific academic discipline or disciplines.

In the humanities and social sciences, students may choose from several types of study options, most commonly between a single major or a dual major program. The two tracks do not generally represent different levels of achievement. However, the single major offers more flexibility to students who can select complementary courses from a wider range of disciplines, within faculty guidelines. In a single major program, coursework is concentrated in one department and complementary courses are taken in other departments. Students usually may not elect the single major option until the second year of study and this type of program is not offered by all departments. In a dual major program, students must complete the requirements for two majors and almost all courses are taken in the two major departments.

The examples on pages 6 and 7 show the basic requirements for single and dual major programs in a variety of departments. Bar-Ilan University offers three options: a major and minor, or an expanded major without a minor, or, less commonly, three minors. The latter option requires special approval. In the sciences, students pursue specialization in one major field. Bachelor's programs in science departments at The Hebrew University of Jerusalem are offered in the framework of divisions, which include one or more departments and basic related studies and/or complementary fields. At The Technion - Israel Institute of Technology, all students take substantially similar courses in the first year which is devoted to the fundamental sciences. Science students pursuing a three-year program begin specialization in the second year.

In addition to major and complementary subject requirements, students are required to take English and physical education courses which do not count toward minimum degree requirements. English requirements are determined by PET results or previous educational experience abroad. Most students earn 4-8 credit points of English courses to reach the level of English proficiency required to graduate, but these credits do not count toward credits required for the degree. Remedial courses and some introductory courses required for a major are also not counted toward degree requirements.

The following examples show how degree programs are constructed:

Bar-Ilan University

University requirements in semester hours:

Major	60 hours	Expanded Major (i.e., English requires 76 hours of literature and 8 hours of linguistics)	92 hours
Minor	32 hours		
Jewish studies	32 hours	Jewish studies	32 hours
Electives	4-8 hours	Electives	4-8 hours
Physical education	2-4 hours	Physical education	2-4 hours

The minimum number of classroom credit hours for graduation is 128, not counting physical education, Hebrew expression, and English for non-English speakers.

Ben-Gurion University of the Negev, Department of Geology

Total credits required for the three-year bachelor's degree: 118 to 126

Core Curriculum, requiring at least 8 credits:

Languages: English as a second language is required, but the maximum academic credit is 2 credits for work at the highest level.
Mathematics: In the Natural Sciences Faculty, no academic credit is granted until proficiency at the level of Intermediate Calculus is reached.
Physical education: Required but not credited
Liberal arts: Six credits are included in the program

Basic Sciences, requiring proficiency in all of the following for a total of 30 credits:

Mathematics: Intermediate level calculus, introduction to probability and statistics, basic programming
Chemistry: 3 courses, including introductory chemistry, analytical chemistry, and physical chemistry (3 semesters)
Physics: Physics for natural sciences 1 and 2 (2 semesters)

Departmental requirements totaling 48 credits:

First year courses: Introduction to minerals and rocks, introduction to dynamic geology, and introduction to paleontology, for 11.5 credits
Mineralogy and petrology: Optical crystallography, rock-forming minerals, petrography, geochemistry, for 11.5 credits
Soft rock: Sedimentology, stratigraphy, ground water studies, for 7.25 credits
Dynamics: Structural geology, geophysics, tectonics, field geology, for 12.5 credits

Electives for 32-40 credits in one of the following four options:

General geology: Minimum of 17 additional credits from departmental electives and 22 additional credits from within the Faculty of Mathematics and Natural Sciences. Advanced electives include magmatic and metamorphic rocks and processes, geochemistry, engineering geology and rock mechanics, computer applications in geology, remote sensing, micropaleontology, hydrogeology, field electives, etc.
Environmental science: 27 credits concentrated in engineering geology, hydrology, analytical chemistry, air and water process and pollution
Geology and computer science: 40 credits in computer science replace geology electives
Geology and life sciences: 29 credits, concentrated in botany, zoology, and ecology, replace electives in the Geology Department. An additional 11 credits may be chosen from within the Faculty of Mathematics and Natural Sciences.

Bar-Ilan University, Department of Life Sciences

The program is based on the principle that students should receive a broadly based foundation in biology as well as mathematics, physics, and chemistry during the first two years of study and more specialized instruction in the third year.

First Year: 810 hours of instruction (57.8 semester hours). Required courses include general biology - cell biology, introductory zoology, plant sciences, flora and fauna of Israel; general physics; general and physical chemistry; organic chemistry; and mathematics

Second Year: 815 hours of instruction (58.2 semester hours). Required courses include biochemistry A and B, introductory ecology, organic chemistry, biostatistics, animal physiology, general genetics, plant physiology, introduction to immunology and hematology, general microbiology

Third Year: 945 hours of instruction (67.5 semester hours, 8.5 hours may be taken in the second year). Students may choose to specialize in ecology, botany, biochemistry, human biology, zoology, microbiology, and general life sciences

Total Requirements: 183.57 semester hours for a three-year program, all of which are in mathematics and natural sciences

The Hebrew University of Jerusalem, Department of Psychology

In the Faculty of Social Sciences, all first-year students must study in the dual major program. Transfer to the single major program in the second year requires that students complete one of the following: fulfillment of the conditions for advancing to the second year of study in both departments or attainment of a grade average of at least 5 points above that required to advance to the second year of study in the department of the intended major and achievement of a passing grade in all required first-year courses in the second department. Students in dual major programs take all courses in their two major departments. Students in single major programs concentrate their studies in one department and take supplementary courses in other departments. (A long single major requires additional work.) Coursework in either program totals 110-133 credit points over three years, excluding English as a foreign language courses. Approximately 32% of the students pursue dual major programs and 68% graduate with a single major.

In psychology, the requirements for the various study options are as follows:

Dual Major: 59 credit points in psychology plus the requirements for the second major

Required Single Major: 63 credit points in psychology plus 44-50 credit points in supplementary studies

Long Single Major: 67 credit points in psychology plus 44-50 credit points in supplementary studies

In all options, students must complete a research project carried out under faculty supervision and write a major seminar paper for which they receive 4 credit points.

An example of a single major program in psychology at The Hebrew University of Jerusalem shows completion of 111 total credit points completed for the bachelor's degree: 67 in psychology and 44 in supplementary courses. In addition, 8 units of advanced French were taken but were listed as supplementary studies because the grades are not included in the overall average for the degree. For a dual program in psychology and business, all credit points were in the two majors: 59 credit points in psychology and 57 credit points in business.

Quantification of Degree Requirements

The credit system currently in use at Israeli universities is a relatively new development. Because of the autonomy of Israeli institutions and faculties and of traditional curricular requirements that were not quantified, the amount of work represented by an Israeli three-year bachelor's degree as expressed in credits, credit points, or hours varies tremendously.

Five universities set a minimum credit point requirement for all bachelor's programs:

The University of Haifa—120 credit points

Bar-Ilan University—65-68 annual hours (130-136 semester hours)

Ben-Gurion University of the Negev—120 credits

The Technion - Israel Institute of Technology—at least 120 credits

Tel Aviv University—120 in Humanities and Social Sciences, 140-180 in other fields

The Hebrew University of Jerusalem does not have an institution-wide specification for bachelor's degree requirements. Some majors require fewer than the 120 units typically required for an American bachelor's degree.

University profiles include tables on minimum requirements for specific departments. In dual major programs, the overall requirement for a bachelor's degree is the total of the requirements for the two majors. For single majors, the overall requirement is the total of the major requirements plus supplementary studies. Within a faculty, the range may be enormous, as evidenced in a survey of transcripts from the Faculty of Humanities at The Hebrew University of Jerusalem. The minimum degree requirements in this faculty range from 116 credit points in Talmud and History of the Jewish People to 153 credit points for Archeology. For the dual major, the lowest requirement for one-half of a dual major is 59 credit points in French Language and Literature and the highest is 105 for Archeology.

Of nine sample transcripts of single major programs submitted as representative of the faculty, the average number of units completed was 138. The highest number of credit points was 152 for History and the lowest was 128 for Linguistics. Four of the nine students took four years to complete their programs.

Of nineteen transcripts of dual major programs, the average total number of units completed was 138. The highest number of credit points was for Islamic and Middle Eastern Studies/Arab Languages and Literatures and the lowest was for Bible/History of the Jewish People. Nine students took four years to complete their programs.

Level of Study Requirements and Expectations

The level of study requirements and academic expectations of student performance in Israeli bachelor's degree programs provide a valuable perspective on the assessment of the academic background and qualifications of Israeli students.

Concentration of almost an entire academic program in one department and supporting fields for a single major, or in two departments for a dual major, results in the attainment of a high level of proficiency in an academic discipline. In three years, Israeli students have completed intensive academic programs. The history program at The University of Haifa is typical of the quantity and level of sophistication required of students pursuing bachelor's degrees. They take more than 120 semester hours divided into 40 or more courses, or an average of seven courses per semester. The progression of history courses is from large frontal lectures in the first year to small discussion classes and seminars where students receive extensive exposure to the research and literature of the discipline. Students are required to write seminar papers in at least five history courses, and it is expected that they will be writing at least another four papers in courses outside the department.

Because of competitive admissions standards and faculty expectations for the preparation of first-year students, beginning courses are taught at a relatively advanced level. Beginning in the second year and throughout the third year, Israeli students must take advanced and specialized courses in their majors and read extensively in the primary scientific or literary literature of their fields, most of which is written in English.

Quoting a professor from Ben-Gurion University of the Negev, "... rightly or wrongly, higher education in Israel is elitist oriented and is directed towards training scientists and professionals and not citizens. This is how the term 'higher education' is perceived in Israel."

The level and purpose of Israeli three-year bachelor's degrees also can be identified by the environment in which they are offered—in comprehensive research universities offering studies through the Ph.D. and by faculty extensively involved nationally and internationally with ad-

vanced research and professional developments in their academic disciplines.

Academic Environment

An obvious question is how do students complete so many units, almost all of which are in major and minor or supplementary departments, within three years. Several aspects of Israeli university life yield insights into this question:

- Admission is selective and based on examination results at the end of secondary school as well as national university entrance examinations just prior to enrollment. While many secondary education administrators have favored broadening secondary school offerings, providing specialized training and matriculation examinations that represent a broader range of preparation, Israeli universities have maintained tough standards for those who pursue academic degree programs. Historically, the three-year bachelor's program is rationalized on the basis of rigorous secondary preparation and selection criteria. When the matriculation examinations were changed in the 1970s, agreement by every university on the use of national psychometric entrance examinations was a rare occasion of collaboration.

- Israeli men have completed three years (most often more for officers) and women have completed two years of military service between secondary school and university. Military service may include training and courses that provide additional preparation for university work. Students are more mature and presumably more committed to devoting three years to the completion of their university studies promptly.

- Israeli university campus life reflects a mature student population whose primary focus is on its studies. Extracurricular activities are limited and distractions few for students who study exclusively in one faculty. Students must work long hours to meet faculty expectations for their performance.

- Students take courses during the regular academic year, but devote most of the summer months to completing written assignments and preparing for examinations.

- Students are expected to pursue their studies fulltime and study expeditiously to meet high faculty expectations for student performance.

Four-Year Programs

A primary concept governing the organization of bachelor's degree programs in most fields is that they are designed to be completed in three years of intensive study. However four-year programs are organized for all university engineering programs; some university professional programs such as law, nursing, and other paramedical fields; and at nonuniversity institutions of higher education. The most common four-year programs, engineering and teacher training, are described in the following sections.

Engineering

Engineering programs are offered at Tel Aviv University, The Technion - Israel Institute of Technology, and Ben-Gurion University of the Negev. Admission to engineering programs usually requires additional entrance examinations. The Technion requires an additional examination in mathematics administered by the NITE. The Faculty of Engineering at Ben-Gurion University of the Negev requires additional entrance examinations in mathematics and physics administered on the Ben-Gurion campus. At The Technion, all students take substantially similar courses during their first year which is devoted to fundamental sciences. During the second year, basic engineering subjects are introduced and students select a specialization for the third and fourth years.

Education

The Bachelor of Education degree which prepares teachers for kindergartens, primary schools, and secondary schools is offered by nonuniversity institutions of higher education and by universities. The Permanent Committee for Academic Programs in Teacher Training Institutions provides guidelines for the administration and content of Bachelor of Education and Bachelor of Education in Technology programs. The Committee implements policies promulgated by the Council for Higher Education in 1975 for the academization of teacher training programs and the recommendations of the Etzioni Committee regarding unification of teacher training programs in the educational system. The Bachelor of Education degree is now recognized as a first academic degree that allows graduates of teacher training colleges who meet the normal requirements of the universities to be admitted to master's programs in education at universities.

Admission to teacher training institutions requires the *Teudat Bagrut* and a personal interview.

Elementary school teacher programs require 28 weekly hours of education courses and 48 weekly hours of subject courses, with not less than 6 nor more than 24 hours devoted to each subject. Specialization is required in one subject to the level of 24 hours or 18 hours (including methodology and seminar papers). The program for junior high school teachers requires 28 weekly hours of education courses (including didactics of teaching). In addition, two subjects (defined somewhat differently than for university majors) are studied for 24 weekly hours each. Studies in subject areas are concentrated on the full extent of an academic discipline, including methodology and seminar papers, and inculcate comprehensive knowledge as well as the ability to study the subject independently. All students in all programs must study English to an "exempt" level identified by the universities.

The program for elementary and junior high school teachers can be broken down as follows:

Education courses	28 hours	
Disciplinary studies	48 hours	(55 hours for math science)
English	4 hours	
Physical education	4 hours	
Arts training required by the Ministry of Education and Culture	6 hours	
Total	90 yearly hours	(180 semester hours)

To this syllabus, approximately 18 hours of practical work in a school are added.

Institutions authorized to award the Bachelor of Education and Bachelor of Education in Technology degrees are expected to have a teaching staff composed of holders of master's or Ph.D. degrees. The coordinators of each disciplinary and education subject must have Ph.D. degrees. The terms of employment deemed appropriate for institutions that award academic degrees include support for continual advanced training and research as well as academic appointments and promotions monitored through national committees.

Graduate Programs

Graduate programs leading to master's and doctoral degrees are offered at the six comprehensive universities and by the Feinberg Graduate School of the Weizmann Institute of Science. The primary master's degrees are the Master of Arts and Master of Science (others are listed in Appendix A. Academic Degrees Awarded by the Institutions of Higher Education in Israel). At the doctoral level, The Technion - Israel Institute of Technology awards the Doctor of Science (D.Sc.) degree while all other universities and the Weizmann Institute of Science award Ph.D. degrees.

The general requirement for admission to Israeli master's programs is a bachelor's degree. The three-year bachelor's degree, as *the* first degree, is the normal anterior credential for graduate study. The only exceptions are for such fields as engineering where the bachelor's degree in the same field is a four-year degree. The bachelor's program must be completed with at least a B average, with stronger records required for admission to highly competitive fields. Some departments require special tests, such as the Graduate Record Examination (GRE) or Graduate Management Admissions Test (GMAT), and/or personal interviews. Because of the highly specialized content of Israeli bachelor's programs, students from abroad are often required to complete supplementary studies prior to beginning a master's program.

Master's programs generally require the equivalent of two years of fulltime study, although many students pursue master's programs on a part-time basis while fulfilling military service obligations. Master's programs require coursework but may or may not require a thesis. Two tracks are offered by most departments: one requires a thesis and provides access to doctoral study and the other does not require a thesis and is designed for students who do not intend to pursue doctoral studies. At Tel Aviv University, the minimum requirements for a master's degree are 28 semester hours plus thesis or 40 semester hours without a thesis. At The Technion - Israel Institute of Technology, graduate studies for the Master of Science require coursework and either a research thesis, an engineering project, or a final paper. The Master of Engineering degree is available only in a limited number of fields and requires coursework only.

Doctoral programs require at least two years of work beyond the master's degree. Admission normally requires completion of a thesis master's degree with a grade average of B or "good" in master's level coursework and a thesis grade of "very good." Students who do not meet normal admissions criteria may be approved for a one-year provisional program of study, at the end of which their qualifications are reevaluated. The Direct Doctoral Degree Program is intended for exceptional students who have a bachelor's degree with a grade average of at least 90 in the area of their intended doctorate and an av-

erage of at least 80 in other coursework. The first-year program is an accelerated master's program. If high achievement is maintained, the student may bypass the second year and proceed directly to doctoral studies.

In general, doctoral programs include coursework, and a language requirement, and focus on original research conducted within the framework of the department. Within six months of being accepted into a program, students must identify a senior faculty member to supervise their research and dissertation. Research proposals are reviewed by a university doctoral committee. While dissertation research is usually carried out through the university department, it may be conducted entirely or in part at another scientific institution in Israel or abroad. However, students must meet with their advisor regularly, submit written progress reports, and present a lecture to a research seminar or similar forum. The final dissertation is evaluated by a committee of three whose written evaluation serves as the basis for awarding the degree.

Grading

Most universities provide a grading scale description on their transcripts or in brochures that accompany transcripts. The most common grading scale is as follows:

95 - 100	= Excellent	65 - 74	= Fair
85 - 94	= Very Good	50 - 64	= Pass
75 - 84	= Good	0 - 49	= Fail

An overall grade based on performance in required courses is noted at the conclusion of the program.

The Hebrew University of Jerusalem scale is representative:

95 - 100	=	summa cum laude
85 - 94	=	cum laude
75 - 84	=	successfully completed academic requirements
74 and below	=	completed academic requirements

Ben-Gurion University of the Negev awards honors for the B.A. degree as follows: with High Honors (total grade point average of 95-100) and Honors (total graduate point average of 85-94).

Courses listed as supplementary on transcripts are not required for a degree and are not included in the final grade for the degree.

Part II. Placement Recommendations

The Role of the National Council on the Evaluation of Foreign Educational Credentials

The National Council on the Evaluation of Foreign Educational Credentials (the Council) is an interassociational group that provides guidelines for interpreting foreign educational credentials for the placement of holders of these credentials in U.S. educational institutions. Its main purpose is to review, modify, and approve placement recommendations drafted for publications used by the U.S. admissions community. The Council also helps establish priorities, research, guidelines, and review procedures for international admissions publications. The Council participates in international meetings that involve foreign educational credentials for the purpose of international exchanges of students and scholars. The membership of the Council reflects the diversity of U.S. educational institutions for which recommendations are made. See page iv for a listing of the Council member organizations and their representatives.

The placement recommendations approved by the Council identify the level or stage of education represented by an educational credential and thus the appropriate placement of the holder of the credential in U.S. educational institutions. Council recommendations are not directives, nor do they make judgments about the quality of programs and schools. Quality indicators may be provided by the author in the text. The effective use of placement recommendations depends on careful review of the supporting text in the publication and consideration of individual institutional placement policies and practices.

The Council suggests that institutions apply the same standards for a foreign applicant as for a U.S. applicant with a similar educational background. Recommendations reflect U.S. philosophy and structure of education and may differ from the practices of the educational system being reviewed.

Guide to the Understanding of Placement Recommendations

The National Council on the Evaluation of Foreign Educational Credentials has approved the placement recommendations published in this PIER special report in consultation with its author.

Over the years, certain phrases used repeatedly in the recommendations have acquired specific meanings within Council usage. To assist the reader in understanding the intent of these phrases, the Council has prepared the following "Guide to the Understanding of Placement Recommendations." It provides an index to the meanings of the placement recommendations that appear specifically in this special report.

Questions or comments about Council placement recommendations should be sent to this address: Chair, National Council on the Evaluation of Foreign Educational Credentials, c/o AACRAO, One Dupont Circle, NW, Suite 330, Washington, DC 20036-1171.

May be considered for graduate admission.
This recommendation is used if the program of study is considered to provide adequate preparation for graduate study, without reservation or qualifiers.

May be considered for graduate admission in a related field if the specialized nature of the program followed is appropriate preparation.
This recommendation is used for programs that are generally comparable to U.S. bachelor's degrees although the curriculum is specialized in nature and provides limited or no access to more advanced study in the home country.

May be considered comparable to a U.S. master's degree.
This recommendation is used if the program of study is considered comparable to that of a U.S. mater's program.

May be considered comparable to an earned U.S. doctorate.
This recommendation is used if the program of study is considered comparable to a U.S. doctoral program. There may be differences in the structure and requirements of the program, but the credential represents advanced research and dissertation work of a sufficiently high level to recommend doctoral comparability.

Placement Recommendations

Name of Credential	Entrance Requirements	Length of Study	Gives Access in Israel to	Placement Recommendation
1. Bachelor's degree - B.A., B.Sc., bachelor's degrees in some professional fields, from a university* (pp. 3-9)	*Teudat Bagrut*/Matriculation Certificate and Psychometric Entrance Test (PET). (Additional exams for some fields)	3 years (3 1/2 years in some professional fields)	Graduate programs	May be considered for graduate admission.
2. Bachelor's degree - B.Sc. in engineering, bachelor's degree in some professional fields, from a university. (pp. 9-10)	*Teudat Bagrut* and PET (Additional math and science exams for engineering)	4 years	Graduate programs	May be considered for graduate admission.
3. Bachelor's degree in (field of specialization) from a nonuniversity institution of higher education if the Council for Higher Education has authorized the institution to award the specific academic degree. (pp. 9-10)	*Teudat Bagrut*	4 years	Limited access to further education and graduate programs	May be considered for graduate admission if specialized training is considered appropriate preparation.
4. Bachelor of Education awarded by a nonuniversity institution of higher education (pp. 9-10)	*Teudat Bagrut*	4 years	Master's programs in education at universities	May be considered for graduate admission.

5.	Master's degree (M.A., M.Sc., Master of [field of study]) (pp. 10-11)	Bachelor's degree	Generally 2 years	Doctoral studies	May be considered comparable to a U.S. master's degree.
6.	Doctoral degree (Ph.D., D.Sc., Doctor of [field of study]) (pp. 10-11)	Master's degree; in some cases direct admission following bachelor's degree for exceptional students	At least 2 years beyond the master's degree		May be considered comparable to an earned U.S. doctoral degree.

*The length of time required for bachelor's degrees in law, nursing, etc. varies by institution.

Part III. Institutions of Higher Education

Universities

Academic staff figures are for 1991-92. Student enrollment figures are for 1990-91. (*Source:* Council for Higher Education. The status of institutions listed below is as of 1992. For additional information on the accreditation and recognition status of academic institutions in Israel, contact the Council for Higher Education, POB 4037, Jerusalem 91040, Israel; Telephone: (02) 663131; Fax: (02) 660625.)

Bar-Ilan University

52900 Ramat Gan; Telephone: (03) 5318111, Fax: (03) 344622

Founded in 1955. Combines secular and religious studies. Student body is approximately 60% religious and 40% secular.

Faculties: Humanities, Jewish Studies, Law, Natural Sciences and Mathematics, Social Sciences. Also 23 institutes of advanced studies and research.
Academic year: October-June
Admission requirements: *Teudat Bagrut*, PET
Academic staff: professors, 76; associate professors, 113; senior lecturers, 188; lecturers, 111; instructors, 73; assistants, 23; teaching assistants, 66
Student enrollment: bachelor, 7,450; master, 2,070; doctoral, 430; diploma, 250; total, 10,200
Degrees: B.A., B.Sc., 3 years; LL.B., 4 years; M.A., M.Sc., 1-2 years after bachelor's; Ph.D., a further 2-3 years
Three-year bachelor's degree requirements:
64 annual hours or 128 semester hours

1. Major subjects
   major—30 annual hours
   minor—16 annual hours
   expanded major—46 annual hours
2. Basic Studies in Judaism
   14-16 annual hours in Bible, Talmud, and Oral Law, Jewish Philosophy and Jewish History
3. General Courses
   2-4 annual hours

Pre-academic courses in English and Hebrew, physical education, and preparatory courses are not included in the total of 64 required annual hours.

Ben-Gurion University of the Negev

84105 Beer Sheba; Telephone: (057) 461111, Fax: (057) 39076

Founded in 1964 as Institute of Higher Education, recognized as university in 1969, present title in 1973. The Negev is a large arid region which has developed as a result of government policies promoting population dispersion.

Faculties: Engineering Sciences, Health Sciences, Humanities and Sciences, Natural Sciences.
Research institutes: Applied Research Institute, David Ben-Gurion Research Institute and Archives, Jacob Blaustein Institute for Desert Research.
Calendar: October-June
Admission requirements: *Teudat Bagrut*, PET, additional exams for science and engineering
Academic staff: professors, 90; associate professors, 120; senior lecturers, 136; lecturers, 69; instructors, 43; assistants, 16; teaching assistants, 26
Student enrollment: bachelor, 5,080; master, 1,080; doctoral, 190; diploma, 60; total, 6,410
Degrees: B.A., B.Sc., 3 years, minimum 120 units; B.Sc. in Engineering, 4 years; Nursing (B.Nur.), Physiotherapy (B.P.T.), 4 years; M.A., M.Sc., M.Med.Sci. a further 2 years; Ph.D., 4 years; M.D., 6 years; teaching certificate, 2 years
Three-year bachelor's degree requirements:
(see Tables 3 and 4)

Table 3. Requirements for Three-Year Bachelor of Arts Degree (Faculty of Humanities and Sciences), Ben-Gurion University of the Negev

Department/Trend	Single Department (104 Credits)§ Hours/Sem	Major Department (76 Credits)§ Hours/Sem	Dual Department (52 Credits)§ Hours/Sem	Minor Department (28 Credits)§ Hours/Sem
Bible and the Ancient Near East				
Bible	-	76	52	28
Bible and Biblical History	-	76	52	28
Archeology	-	76	52	28
Bible and Teacher Training	-	-	52-68	-
Hebrew Language and Literature				
Hebrew Language	108	80	56	32
Hebrew Literature	106	78	54	30
History				
General History	104	76	52	28
Jewish History	104	76	52	28
History of Jewish Thought	104	76	52	28
Foreign Literature and Linguistics				
English Literature and Linguistics	118	90	66	34
French Literature and Linguistics	-	-	60*	32
Philosophy	-	76	52	28
General B.A. Studies	-	-	52	-
Education	-	80	54	28
Behavioral Sciences	104-112	-	52-56	-
Economics	110-130	82-92	58-62	28-32
Geography	104-107	76-80	52-54	28-30
Social Work	110	-	-	-

* The French Trend is offered in a Minor Department Program only since 1989-90.

Guide to Calculating Degree Requirements

Single Department (one major):	Single Department plus 18 General Studies Hours.
Major Department (major + minor):	Major Department plus Minor Department plus 18 General Studies Hours.
Dual Department (two majors):	Major Department 1 plus Major Department 2 plus 18 General Studies Hours.

§ Minimum Credits

Table 4. Requirements for Three-Year Bachelor of Science Degree, Faculty of Natural Sciences, Ben-Gurion University of the Negev

Department	Total Required Credit Points	Cumulative Hours per Week (6 semesters)
Mathematics and Computer Science	122-128	140
Physics	120-122.5	150
Chemistry	122.5-124	155
Life Sciences	121	165
Geology and Mineralogy	123.5	175

The University of Haifa

Mount Carmel, 31999 Haifa; Telephone: (04) 240111, Fax: (04) 342101

Founded in 1963 as University Institute of Haifa associated with The Hebrew University of Jerusalem; became autonomous in 1972 and is the principal center of higher education in the North of Israel.

Faculties: Faculty of Humanities, Faculty of Social and Mathematical Sciences, School of Education, School of Social Work, Oranim - The School of Education of the Kibbutz Movement.

Research centers: Arab-Jewish Center, Center for Alternatives in Education, Center for Children's Literature, Center for Educational Administration, Center for Natural Resource and Environmental Research Study, Center for Research and Study of the Family, Center for the Study of the Aging, Center for the Study of the Land of Israel, Golan Research Institute, Gottlieb Schumacher Institute of the Christian Contribution to the Development of 19th Century Palestine, Gustav-Heineman Institute for Middle Eastern Studies, Herzl Institute (Zionism), Institute of Archeology and Maritime Studies, Institute of Evolution, Institute of Information Processing and Decision Making, Institute for the Study of French History and Civilization, Leon Recanati Center for Maritime Studies, Strochilz Institute of Holocaust Studies, R. D. Wolfe Center for the Study of Psychological Stress, Youth Policy Research Center

Calendar: October-June

Admission requirements: *Teudat Bagrut*, PET

Academic staff: professors, 41; associate professors, 55; senior lecturers, 123; lecturers, 66; instructors, 15; teaching assistants, 42; assistants, 4

Student enrollment: bachelor, 5,570; master, 1,190; doctoral, 110; diploma, 160; total, 7,030

Degrees: B.A., 3-4 years; M.A., a further 2-3 years; Ph.D.

Three-year bachelor's degree requirements:
Minimum 120 credit points
Single Major—72 credit points in major + 48 credit points in 2-3 divisions or other departments
Double Major—60 credit points in each major
(see also Table 5)

The Hebrew University of Jerusalem

Mount Scopus, 91905 Jerusalem; Telephone: (02) 882111, Fax: (02) 322545

Founded in 1918.

Campuses:

Mount Scopus: Faculties of Humanities, Law, Social Sciences; Baerwald School of Social Work; School of Education; Hadassah-Hebrew University School of Occupational Therapy; Jerusalem School of Business Administration; Rothberg School for Overseas Studies; Saltiel Center for Pre-Academic Studies, Truman Institute for the Advancement of Peace, Buber Adult Education Institute

Givat Ram: Faculty of Science, Graduate School of Applied Science and Technology, Graduate School of Library and Archive Studies, Institute for Advanced Studies

Ein Kerem: Hadassah-Hebrew University Medical Center which includes Faculties of Medicine, Pharmacy, Nursing, Public Health and Community Medicine, Dental Medicine

Rehovot: Faculty of Agriculture, including School of Nutritional Sciences and Koret School of Veterinary Medicine

Calendar: October-June

Admission requirements: *Teudat Bagrut*, PET, additional exams for some faculties

Academic staff: professors, 388; associate professors, 233; senior lecturers, 234; lecturers, 180; instructors, 72; assistants, 198; teaching assistants, 199

Student enrollment: bachelor, 10,960; master, 4,890; doctoral, 1,660; diploma, 190; total, 17,700

Degrees: B.A., B.Sc. B.Med.Sci., B.Pharm., B.S.W. (Social Work), B.O.T (Occupational Therapy), B.Nur. (or B.S.N?) (Nursing), Domestic Science and Nutrition, 3 years; B.Sc.Agr., 3 1/2 years; LL.B., 4 years; M.A., M.Soc.Sc., M.S.W., LL.M., M.L.S. (Library Science), a further 2 years; M.Sc., M.P.H. (Public Health), M.Sc.Agr., an additional 3-4 years; Ph.D., at least 2 years after master's; M.D., D.M.D., 6 years

Three-year bachelor's degree requirements:
(see Tables 6-8)

Table 5. Requirements for a Three-Year Bachelor's Degree, The University of Haifa

Department	Semesters Hours Required for Dual Major	Single Major	Remarks
Bible	64	122	
Hebrew Literature	60	120	
Hebrew Language	62	-	+ 8 semester hours preparatory courses or exemption exam
History of the Jewish People	64	124	
Jewish Thought	60	120	
Arabic Language and Literature	60	120	+ 8 semester hours preparatory courses for graduates of Hebrew schools
History of the Middle East	78	138	
Philosophy	64	120	
General History	64	130	
English Language and Literature	60	120	
French Language and Literature	60	120	+ 10 semester hours preparatory courses
Art	70	130	+ excursions
Land of Israel Studies	60	-	+ excursions
Archeology	68	-	+ excursions & excavations
General Studies	60	-	
Geography	60	120	+ excursions
Psychology	80	-	+ 16 semesters hours experiments
Sociology	60	120	
Political Science	60	120	
Economics	70	136	
Statistics	76	139	
Mathematics	91	147	
Education	60	-	
Teaching	72	-	+ practical work
Occupational Therapy	-	138	+ practical work
Social Work	-	130	+ 84 semester hours field work

Table 6. Requirements for Three-Year Bachelor of Arts Degree, Faculty of Humanities, The Hebrew University of Jerusalem

Department	Credit Point Requirements (6 semesters)		Semester Hour Requirements (6 semesters)	
	Dual Major Min-Max	Single Major Min-Max	Dual Major Min-Max	Single Major Min-Max
Bible	72	128-146	60	106-124
Talmud	66	116-130	58	104-116
Hebrew Literature	67	119-137	64	120-138
Jewish Thought	68	140-144	67	123-127
Hebrew Language	85	137-145	82	126-134
History of the Jewish People	64	116-132	58	100-112
Yiddish	72-74	-	69-73	-
Archeology	105	153-169	74	102-124
Arabic Language and Literature	78	124-138	62	108-110
Islamic Studies	76-84	126-150	64-72	108-130
Indian, Iranian and Armenian Studies	62-68	-	50-56	-
East-Asian Studies	61-69	128-153	53-61	120-145
History of Africa	61	127-147	56	114-134
Philosophy	64	130-136	56	100-104
History	70-74	126-140	56-60	108-122
Geography	65	129-147	52	108-124
Spanish and Latin American Studies	70	124-136	64	112-124
Russian and East European Studies	66	-	60	-
Classical Studies	68-70	126-138	56	108-116
French Language and Literature	59-66	119-142	53-60	107-128
Italian Language and Literature	56-64	-	50-58	-
English	62-63	128.5-132	57	109-113
General and Comparative Literature	68	-	62	-
Linguistics	62-72	124-142	50-60	98-122
Egyptology	72	122-136	60	116-120
Ancient Semitic Language	62	-	56	-
Assyriology	72-74	126-142	68-76	114-128
German Language and Literature	76	-	70	-
History of Art	75-87	133-153	65-75	115-133
Musicology	84	142-144	72	120-124
Theater Studies	70	134-150	58	112-128
Education	60	124-136	52	108-120
General Studies	54	-	48	-

Additional Requirement: 2-6 hours/week of English for which no credit is given.

Table 7. Requirements for Three-Year Bachelor of Arts Degree, The Faculty of Social Sciences, The Hebrew University of Jerusalem

	Dual Major			Single Major					
				Regular			Long		
Department	CP	SH	SP	CP	SH	SP	CP	SH	SP
Geography	65	52*	6	69	56*	6	73	60*	6
Economics	62	58	4	68	64	4	74	70	4
International Relations	64	56	8	68	60	8	72	64	8
Political Science	61	53	8	65	57	8	73	61	12
Business Administration	56	52	4	-	-	-	-	-	-
Accounting	90	-	-	-	-	-	-	-	-
Sociology	56	52	4	60	56	4	64	60	4
Statistics	59	57	2	63	61	2	67	5	2
Psychology	59	55	4	63	59	4	67	63	4

Every student is required to study four semester hours of English.
CP = Credit Points, SH = Semester Hours, SP = Seminar Paper
* 7 points for excursions

Table 8. Requirements for Three-Year Bachelor of Science Degree, Faculty of Science, The Hebrew University of Jerusalem

Department	Scope of Studies*	Total Credit Points	Total Semester Hours
Mathematics	Regular	134	134
	Expanded	134	134
Physics	Regular	134	134
	Expanded	146	146
Computer	Regular	134	134
	Expanded	134	134
Biology	Regular	134	134-139
	Expanded	150	150-154
Chemistry	Regular	134	134-139
	Expanded	145	145-150
Geology	Regular	134	134-139
	Expanded	140	140-144
Physical Geography	Regular	134	134-139
Atmospheric Studies	Regular	134	134-139

With the exception of Mathematics, studies include laboratory hours. Biology, Geology, and Physical Geography studies include laboratory hours and study excursions. In addition, students must study English language for 2-6 semester hours.
* Regular = Regular major, Expanded = Expanded major

The Technion - Israel Institute of Technology

Technion City, 32000 Haifa; Telephone: (04) 292111, Fax: (04) 221581

Founded in 1912, opened in 1924. The Technion was the first Israeli institution of higher education and is now the country's most comprehensive technological university. Degree programs offered in 39 fields. The Technion Research and Development Foundation is the largest applied research center in Israel.

Institutes: Transport Research Institute, Institute for Advanced Studies in Science and Technology, Institute for Medical Research, Solid State Institute.
Academic year: October-June
Admission requirements: *Teudat Bagrut*, PET, additional mathematics exam
Academic staff: professors, 191; associate professors, 183; senior lecturers, 130; lecturers, 46; instructors, 25; teaching assistants, 6
Student enrollment: bachelor, 7,060; master, 2,070; doctoral, 580; diploma, 60; total, 9,770
Degrees: B.A., B.Sc., 3 years; B.Sc., B.Ed.Tech., 4 years; B.Arch., 5 years; M.Sc., 2 years after bachelor's degree; D.Sc., D.Sc.Tech., 2-3 years after master's; M.D., 6 years
Three-year bachelor's degrees requirements:

Faculty	Total Required Credits	Average Hours/ Semester
Geodesy	120	313
Mathematics	124	236
Applied Mathematics	124	250
Physics	123	289
Chemistry	124	380
Biology	121	274
Computer Sciences	117.5	235
Economics and Management	120	254
Occupational Therapy	joint program with The University of Haifa	

Tel Aviv University

Ramat Aviv, 69978 Tel Aviv; Telephone: (03) 5450111, Fax: (03) 5413752

Founded as a university in 1956; became autonomous in 1963.

Faculties: Engineering, Exact Sciences, Humanities, Law, Life Sciences, Management, Medicine, Social Sciences, Visual and Performing Arts; School of Social Work. Research institutes in the sciences (electronic devices and systems engineering, nuclear research, petroleum and energy, computer sciences, superconductivity, solid state and theoretical physics, mathematical sciences, nature conservation, cancer), medicine (oncology, physiological hygiene, human reproduction, epidemiology, environmental and occupational health, molecular medicine), humanities, law, social sciences, etc.
Calendar: October-June
Admission requirements: *Teudat Bagrut*, PET
Academic staff: professors, 256; associate professors, 268; senior lecturers, 287; lecturers, 149; instructors, 146; assistants, 94; teaching assistants, 287
Student enrollment: bachelor, 12,630; master, 5,650; doctoral, 940; diploma, 220; total, 19,440
Degrees: B.A., B.Sc., LL.B., B.S.W., B.F.A., B.Mus., B.P.T., 3-4 years; M.A., M.Sc., a further 1-2 years; Ph.D., M.D., 7 years
Three-year bachelor's degree requirements: (see Table 9)

Table 9. Requirements for Three-Year Bachelor of Arts and Bachelor of Science Degrees, Tel Aviv University

Program of Study	Semester Hours Required*	
	Double Major	Single Major
FACULTY OF HUMANITIES		
Bible	52	116
Talmud	64	-
Oral Law	84	-
Hebrew Language	69	-
Hebrew Literature	64	120
Jewish Philosophy	68	-
Jewish History	54	103
Archeology and Ancient Near Eastern Studies	64	128
Philosophy	56	112
Classical Studies	54-56	96-106
Middle Eastern and African History	64	123
Arabic Language and Literature	64	116
French Language and Literature	74	112
French Civilization	71	-
English	64	119
Linguistics	64	-
Poetics and Comparative Literature	64	128
History	56	106
SCHOOL OF EDUCATION		
Educational Administration and Organization	56	112
Social Foundations of Education	56	-
Instructional and Evaluation Methods	56	-
Education Counseling	56	-
Special Education	56	-
Teacher Training for the Hearing Impaired	-	112
FACULTY OF SOCIAL SCIENCES		
Economics	60	104
Sociology and Anthropology	53-54	106-107
Political Science	53	103
Psychology	63	113

Continued on next page.

Table 9 (continued). Requirements for Three-Year Bachelor of Arts and Bachelor of Science Degrees, Tel Aviv University

Program of Study	Semester Hours Required*	
	Double Major	Single Major
FACULTY OF VISUAL AND PERFORMING ARTS		
Theater Arts		
History and Dramatic Literature	-	108
Acting	-	198
Design	-	156
Musicology	-	148
Film and Television		
Theoretical Studies	66	135
Production	66	156
History of Art	72	120
SCHOOL OF SOCIAL WORK		
	-	128
FACULTY OF MANAGEMENT		
Management and Economics	-	120
Accounting	70	-
FACULTY OF EXACT SCIENCES		
Chemistry	-	175
Geophysics and Atmospheric and Space Sciences	-	102
General Science	-	140-142
Mathematics	83	128
Statistics	63	125
Physics	-	182
FACULTY OF LIFE SCIENCES		
	-	167
FACULTY OF MEDICINE		
Communication Disorders	-	190

* Does not include general academic requirements such as English, Hebrew, or sports.

Weizmann Institute of Science

76100 Rehovat; Telephone: (08) 342111, Fax: (08) 466966

Founded in 1934 as the Daniel Sieff Research Institute; renamed in 1949. The Feinberg Graduate School, the educational arm, was founded in 1958.

Faculties: Biology, Biophysics-Biochemistry, Chemistry, Mathematics, Physics
Academic year: October-June
Admission requirements: Bachelor's degree with grade average of at least "good" or qualification deemed equivalent
Academic staff: professors, 110; associate professors, 100; senior scientists, 57; scientists, 5
Student enrollment: master, 190; doctoral, 450; total, 640
Degrees: M.Sc., 2 years; Ph.D., 3 1/2 - 4 years

The Open University of Israel

POB 39328, Tel Aviv; Telephone: (03) 6460460, Fax: (03) 6423639

Established in 1974 as a multicampus university offering multimedia, distance study. Classroom meetings are held at twelve colleges affiliated with The Open University of Israel:
Central Israel: Beit Berl College, Efal College, Lod College, Midrasha of Social Sciences and Humanities (Tel-Aviv), Ramat Gan College
Northern Israel: In cooperation with The University of Haifa: Emek-Jezreel College, Tel-Hai College, Western Galilee College; in cooperation with Bar-Ilan University: Emek Hayarden College
Southern Israel: Ahwa College; in cooperation with Ben-Gurion University of the Negev: Eilat College and Shear Hanegev College

Group study is also offered in other institutions and organizations, such as the General Labor Federation (Histadrut) and large corporations. Academic studies leading to a bachelor's degree are integrated into the teaching programs of eight teacher-training colleges, one technological college, and one nursing school. Studies are offered in Humanities, Jewish Studies, Mathematics and Computer Sciences, Natural Sciences and Life Sciences, and Social Sciences.

Academic year: October-June
Admission requirements: No formal admission requirements
Student enrollment: 15,761
Degrees: B.A., 108 credit points with no more than 36 from introductory courses, at least 24 from advanced courses, at least 84 in area of specialization, and at least 2 seminar papers.

Other Institutions

The following nonuniversity institutions of higher education are accredited and authorized by the Council for Higher Education to award bachelor's degrees in designated fields. Other programs not leading to a degree may also be offered.

Bezalel Academy of Arts and Design

Mount Scopus Campus, POB 24046, Jerusalem; Telephone: (02) 893333, Fax: (02) 823694

Founded in 1906, raised to status of Academy in 1969, accredited and authorized to award the bachelor's degree by the Council for Higher Education in 1976.

Departments: Photography, Industrial Design, Fine Arts, Graphic Design, Environmental Design, Ceramic Design, Gold and Silversmithing
Admission requirements: *Teudat Bagrut*, departmental entrance exams, portfolio
Degrees: Bachelor of Fine Arts (B.F.A.), Bachelor of Design (B.Des.), 4 years

The College of Management-Academic Studies, Tel Aviv

POB 48068, Tel Aviv; Telephone: (03) 6990446, Fax: (03) 6990460

Founded in 1970 by Union of Administrative Employees in Israel; formerly College of Administration, Tel Aviv and College of Business, Tel Aviv. Accredited and authorized in 1988 by the Council for Higher Education to award the Bachelor of Business degree in Accounting and in Marketing.

Admission requirements: *Teudat Bagrut*, PET
Degrees: Bachelor of Business (B.B.) in Accounting, Marketing, 4 years; four-year diploma programs accredited but not yet authorized to award degrees in Management and Human Resources, Finance, and Management of Information Systems.

Jerusalem College of Technology

POB 16031, Jerusalem; Telephone: (02) 751111, Fax: (02) 422075

Founded in 1969, accredited by the Council for Higher Education in 1974 and authorized to award the B.Tech. degree. An institution of higher education for male students, integrating religious and engineering studies.

Departments: Computer Sciences, Electronics, Physics/Electro-Optics, Science Teaching
Admission requirements: *Teudat Bagrut*, interview
Degrees: Bachelor of Technology and Applied Science of Technology (B.Tech. & App. Sc. of Tech), 4 years

Jerusalem Rubin Academy of Music and Dance

Givat Ram, 91904 Jerusalem; Telephone: (02) 636232, Fax: (02) 527713

Founded in 1947; accredited and authorized to award the bachelor's degree by the Council for Higher Education. Students can begin artistic training in music and dance at an early age at the Academy's Conservatory and continue through high school to the higher education degree-granting Academy.

Departments: Performing Arts; Composition, Conducting and Theory; Music Education; Dance
Admission requirements: *Teudat Bagrut*, departmental entrance exams
Degrees: Bachelor of Music (B.Mus.), Bachelor of Music Education (B.Ed.Mus.), Bachelor of Dance (B.Dance), 4 years; postgraduate Artist Diploma, 2 years (considered to be at level of master's degree); B.A.Mus. and M.A.Mus. offered in conjunction with The Hebrew University of Jerusalem.

Ruppin Institute of Agriculture

60960 Emek Hefer; Telephone: (053) 685131, Fax: (053) 687257

Founded in 1949 as an educational institution serving the professional training needs of the Israeli *Kibbutz* and *moshav* movements. One degree is accredited and authorized by the Council for Higher Education, the Bachelor of Economy and Management of Communal Settlements (BEM). The main course of study is an in-

tensive two-and-one-half-year program leading to the bachelor's degree.

Shenkar College of Textile Technology and Fashion

12 Anna Frank St., 52526 Ramat Gan; Telephone: (03) 7521133, Fax: (03) 7521141

Founded in 1970. Accredited by the Council for Higher Education and authorized to award bachelor's degrees in five departments.

Departments: Fashion Design, Industrial Management, Textile Chemistry, Textile Design, Textile Technology

Admission requirements: *Teudat Bagrut*, PET for Industrial Management, Textile Chemistry and Textile Technology; portfolio for Fashion and Textile Design

Degrees: Bachelor of Design (B.Des.), Bachelor of Technology (Textile) (B.Tech. [Textile]), 4 years

Teacher Training Colleges

Unless noted otherwise, the following teacher training colleges are accredited and authorized by the Council for Higher Education to award the Bachelor of Education (B.Ed.) degree upon completion of a four-year program of study. Required for admission are the *Teudat Bagrut* and, in many cases, an entrance examination and interview. Some colleges also offer diploma and certificate programs.

Beit-Berl Teachers College

Post Beit Berl, 44905 Kfar Saba; Telephone: (052) 906333, Fax: (052) 454104

Degrees: B.Ed. in Early Childhood Education, Elementary School Education, Junior High School Education, Special Education, Informal Education, In-Service Teacher Education. Teacher-training programs in Arabic and Agriculture are not yet accredited and do not lead to a degree.

The David Yellin Teachers College

POB 3578, Jerusalem; Telephone: (02) 513111, Fax: (02) 521548

Degrees: B.Ed. in Early Childhood Education, Elementary School Education, Junior High School Education, Elementary School - Special Education. The College for Specialization in the Arabic Language - Elementary and Junior High School Education offers a four-year program but is not yet accredited or authorized to award the B.Ed. degree.

Levinsky Teachers College

POB 48130, Tel Aviv; Telephone: (03) 6902444, Fax: (03) 6993546

Degrees: B.Ed. in Early Childhood Education, Special Education, Junior High School Education, Music Education. Other programs without authorization to award degrees are Arabic, Music and Movement in Special Education, and Choir-conducting.

Michlalah - Jerusalem College for Women

POB 16078, Jerusalem; Telephone: (02) 750911,

Degrees: B.Ed. in Computer Science, English Language and Literature, Hebrew Literature, Jewish Studies, Guidance and Counseling, Pedagogy, Special Education, Mathematics, Music, Science.

Oranim - The School of Education of the Kibbutz Movement

36910 Tivon; Telephone: (04) 838811, Fax: (04) 838738

Degrees: The University Division grants the B.A. and B.Sc. degrees through The University of Haifa. The Council for Higher Education has granted the College Division a permit to maintain an institution of higher education; however, it is not yet accredited or authorized to award academic degrees. The College offers a four-year program of study in accordance with the model of the B.Ed. program in Elementary School Education, Special Education, and Early Childhood Education.

ORT Academic College for Teachers in Technology - Jerusalem

Givat Ram, 95435 Jerusalem; Telephone: (02) 513141, Fax: (02) 520610

Degrees: Bachelor of Education in Technology (B.Ed.Tech.), Electronics specialization. A program for teachers of computer science is not yet accredited.

State Teachers College - Seminar Hakibbutzim

149 Namir Road, 62507 Tel Aviv; Telephone: (03) 6902323, Fax: (03) 6990269

Degrees: B.Ed. in Primary School Education, Elementary School Education, Junior High School Education, and Special Education

Zinman College of Physical Education at the Wingate Institute

Post Wingate, 42902 Netanya; Telephone: (053) 29222, Fax: (053) 650960

Degrees: B.Ed. in Early Childhood Education; Special Education; Sports for the Physically Handicapped; Leisure and Recreation Education; Recreation in Society, Community, and Schools; Dance, Cardiac Rehabilitation, Gerontology and Physical Activity for Older Adults; and Posture Cultivation.

Regional Colleges Associated with Universities

The following regional colleges offer academic programs and pre-academic courses that are supervised by Israeli universities. Students may begin their academic studies at one of the academic programs in these colleges, and subsequently complete their studies in the university that supervises the college. The supervising university is listed in parentheses.

Achva-Beer Tuvia (The Open University of Israel)
Mobile Post Shekmim 79800

The College of Judea and Samaria (Bar-Ilan University)
POB 3, Ariel

Eilat (Ben-Gurion University of the Negev)
POB 1301, Eilat

Jordan Valley-Tzermach (Bar-Ilan University)
Mobile Post Jordan Valley 15132

The Max Stern College (The University of Haifa)
Mobile Post Jezreel Valley 19300

Menashe College (Tel Aviv University)
POB 2094, Hadera

Sapir College of the Negev
(Ben-Gurion University of the Negev)
Mobile Post Hof Ashkelon 79165

Tel-Hai (The University of Haifa)
Mobile Post Galil Elyon 12210

Western Galilee - "Yad Natan" College
(The Open University of Israel)
Mobile Post Ashrat 25200

Nonacademic Postsecondary Institutions Supported by the Student Authority

The following postsecondary institutions offer nonacademic programs of study leading to the granting of diplomas/certificates which are not recognized by the Council for Higher Education. However, the Student Authority awards scholarships to eligible students enrolled in programs at these institutions.

Teacher Training Colleges

Achiva Regional College, Beer Tuvia
Beit Rivka Religious College for Women, Kfar Chabad Beth
Beit Yaacov Seminary, Tel Aviv
Beit Yaacov Teacher Training Seminary, Jerusalem
College of Administration, Tel Aviv
Efrata Religious College for Women, Jerusalem
Givat Washington Religious Center, D.N. Shikmin
Haifa Regional Education Center (formerly Gordon College of Education), Haifa
Kay Teachers College, Beer Sheba
Lipschultz Religious College, Jerusalem
Nerl Blumenfeld Teachers College, Haifa
Ohalo College, Emek Hayarden
Or Chayim Beit Midrash for the Training of Kindergarten and Professional Teachers, Bnei Brak
Orot Yisrael College for Women, D.N. Ephraim
Orot Yisrael College in the South, Azata
Shaanan-Religious Teacher Training College, Haifa
Talpiot Religious College, Tel Aviv
Teachers Seminary for Jewish Studies, Rehovot
Yaacov Herzog Teacher Training Seminary, Gush Etzion

Schools for Practical Engineers

Ashdod College of Technology, Ashdod
College of Photography, Kiryat Ono
College of Western Galilee, D.N. Oshrat
Emunah College, Jerusalem
Engineering College in Nazareth, Nazareth
Hadassah Community College, Jerusalem
Mikveh Yisrael-Vinik Institute for Agricultural Technology, Post Holon
National School for Practical Engineers, Haifa
ORT Carmiel Technical College, Carmiel
ORT Levinson School, Kiryat Bialik
ORT School of Engineering, Jerusalem
ORT Syngalovski Technical College, Tel Aviv
ORT Technical College in Kfar Saba and in Netanya
ORT Technicom College, Givatayim
ORT Technical School, Jerusalem
Practical Engineering College, Beer Sheba
Ruppin College for Practical Engineers, Emek Hefer
Sapir Regional College of the Negev, Shaar Hanegev
School for Engineering, next to Tel Aviv University, Tel Aviv
School for Gardening and Landscaping, Petach Tikva
Tadmor School for Hotel Management, Herzliya
Tel Aviv College of Practical Engineering, Tel Aviv
Tel-Hai Regional College, Upper Galilee

Schools for the Paramedical Professions

Technical Schools
Ichilov-Sheinborn Hospital (Radiotechnology), Tel Aviv
Kaplan Hospital (Radiotechnology), Haifa
Mazor School (Dental Technology), Haifa
Rambam Hospital (Radiotechnology), Haifa
Sheba Medical Center (Radiotechnology), Tel-Hashomer

Nursing Schools
Assaf Harofeh School of Nursing, Tsrifin
Carmel School of Nursing, Haifa
The Dina Nursing School, Petach Tikva
The Edith Wolfson Nursing School, Holon
Hasharon School of Nursing, Petach Tikva
Henrietta Szold-Hadassah-Hebrew University School of Nursing, Jerusalem
The Matius Nursing School, Hadera
Meir School of Nursing, Kfar Saba
The Schoenbrun Nursing School, Tel Aviv
School of Nursing, Barzilai Medical Center, Ashkelon
The School of Nursing, Kaplan Hospital, Rehovat
The School of Nursing, Laniado Hospital, Netanya
The School of Nursing, Sheba Medical Center, Tel-Hashomer
The Selde Nursing School, Haifa
Shaarel Zedek School of Nursing, Jerusalem
The Sherman Nursing School, Afula
The Yellin Nursing School, Gat-Galim
Ziv School of Nursing, Safed

Schools for the Arts—Acting, Cinema, Fine Arts

Beit Zvi, Ramat Gan
The Jerusalem Film and Television School, Jerusalem
Nisan Nativ Theatrical Studio, Tel Aviv
School for the Art of Drawing, Tel Aviv

Appendix A. Degrees Awarded by Institutions of Higher Education in Israel

Undergraduate Degrees

B.A.	Bachelor of Arts*
B.A.Mus.	Bachelor of Arts in Music
B.Mus.	Bachelor of Music**
B.Arch.	Bachelor of Architecture*
B.F.A.	Bachelor of Fine Arts**
B.Dance	Bachelor of Dance**
LL.B.	Bachelor of Law*
B.Sc.	Bachelor of Science*
B.Sc.Agr.	Bachelor of Science in Agriculture*
B.Sc.Nut.	Bachelor of Science in Nutrition*
B.Med.Sci.	Bachelor of Medical Sciences*
B.S.N.	Bachelor of Nursing Sciences*
B.Nur.	Bachelor of Nursing*
B.O.T.	Bachelor of Occupational Therapy*
B.P.T.	Bachelor of Physiotherapy*
B.Pharm.	Bachelor of Pharmacy*
B.S.W.	Bachelor of Social Work*
B.Tech. & App. Sci. of Tech.	Bachelor of Technology and Applied Science of Technology**
B.Tech. (Ind.Man.)	Bachelor of Technology in Industrial Management**
B.Tech. (Tex.)	Bachelor of Technology (Textile)**
B.Des. (Tex.)	Bachelor of Textile Design**
B.Des.	Bachelor of Design**
B.Des. (Fash.)	Bachelor of Fashion Design**
B.Ed.	Bachelor of Education**
B.Ed.Mus.	Bachelor of Music Education**
B.Sc.Tech.	Bachelor of Science in Technology Education*
B.Ed.Tech.	Bachelor of Education in Technology**
B.E.M.	Bachelor of Economy & Management of Communal Settlements**
B.B.	Bachelor of Business**

* Offered only by universities

** Offered only by nonuniversity institution(s)

Graduate Degrees

M.A.	Master of Arts
M.A.Mus.	Master of Arts in Music
M.Mus.	Master of Music
M.F.A.	Master of Fine Arts
LL.M.	Master of Law
M.Sc.	Master of Science
M.Sc.Agr.	Master of Science in Agriculture
M.Sc.Arch.	Master of Science in Architecture
M.Sc.Pharm.	Master of Science in Pharmacy
M.Sc.Tech.	Master of Science in Technology
M.E.	Master of Engineering
M.S.W.	Master of Social Work
M. Soc.Sci.	Master of Social Science
M.Med.Sci.	Master of Medical Science
M.P.H.	Master of Public Health
M.H.A.	Master of Health Systems Management
M.B.A.	Master of Business Administration
M.L.S.	Master of Library Science
Ph.D.	Doctor of Philosophy
D.Sc.	Doctor of Science
M.D.	Doctor of Medicine
D.M.D.	Doctor of Dental Medicine
D.V.M.	Doctor of Veterinary Medicine
LL.D.	Doctor of Laws
J.S.D.	Doctor of Jurisprudence

Appendix B. Useful Addresses

Council for Higher Education
POB 4037
91040 Jerusalem, Israel

National Institute for Testing and Evaluation
POB 26015
91260 Jerusalem, Israel

Overseas Student Information Center in the United States:
University Student Department (U.S.D./A.Z.Y.F.)
(including Religious Department)
110 East 59th Street
New York, NY 10022
Tel. (202) 339-6941; (800) 27-ISRAEL (toll-free)

For information on Teacher Training:
Ministry of Education
Department for Teacher Training
Lev-Ram Building
Devorah Haneviah Street
Jerusalem, Israel

For information on Schools for Practical Engineers and Technicians:
The National Institute for Technological Training
86 Petah Tikva Road
67138 Tel Aviv, Israel

For information on Technical Schools in the Paramedical Professions:
Ministry of Health
Department of Medical Professions
2 Ben Tabai Street
93591 Jerusalem, Israel

Information on Nursing Schools in available from the Welfare Department at the same address.

For information on Schools for the Arts:
Ministry of Education
Department for Teacher Training
20 Mamilla Street
94149 Jerusalem, Israel

האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

THE FACULTY OF HUMANITIES
OFFICE OF STUDENT AFFAIRS

הפקולטה למדעי הרוח
מזכירות לענייני תלמידים

FACULTY: HUMANITIES

RECORD OF STUDIES — PAGE NO.:

NAME: — STUDENT NO.
08/03/92

DEPARTMENTS: PHILOSOPHY

YEAR	SEM	COURSE		TYPE	CREDIT	HOURS	GRAI
			B.A. STUDIES				
1986/7	A	11011	ENGLISH AS A FOREIGN LANG. - HUM. - LEVEL I	LE	---	4.0	9(
	B	15100	INTRO TO ETHICS AND POLITICAL PHILOSOPHY	LE	4.0	4.0	8
	B	15101	INTRODUCTION TO LO	LE	6.0	6.0	10
	A	15106	INTRODUCTION TO PHILOSOPHY	LE	2.0	2.0	7
	A	15109	TUTORIAL A	E	1.0	1.0	8
	B	15110	TUTORIAL B	E	1.0	1.0	91
	A	15111	HISTORY OF	LE	3.0	3.0	94
	B	15112	HISTORY OF GREEK PHILOSOPHY B	LE	4.0	4.0	91
	Y	28200	INTRODUCTION TO CLASSICAL STUDIES	LE	2.0	2.0	9
	Y	28201	LATIN FO BEGINNERS	E	12.0	12.0	9(
1987/8	A	15202	HISTORY O MODERN PHILOSOPHY A	LE	4.0	4.0	8
	B	15203	HISTORY OF MODERN PHILOSOPHY B	LE	4.0	4.0	8
	B	15302	INTRODUCTION TO EPISTEMOLOGY	LE	3.0	3.0	8(
	A	28322	OVI	E	2.0	2.0	9
	B	28814	VERGIL	PS	2.0	2.0	9
	Y	28835	ADVANCED LATIN	TUT	1.0	2.0	9(
	A	39179	THE ROMAN EMPIRE IN THE 1ST CENTURY	E	4.0	4.0	8
1988/9	Y	15575	POLITICAL PHILOSOPHY IN MODERN PERIOD	LS	4.0	4.0	9(
	Y	15579	GREEK PHIL. REFLECTED IN MID-AGES' THOUGHT	LS	4.0	4.0	94
	Y	15594	THE PHIL. OF IMMANENCE: SPINOZA AND AFTER	LS	4.0	4.0	9(
	A	17212	BASIC CONCEPTS IN POETICS AND AESTHETICS	L	4.0	4.0	10(
	B	28323	LIVY	E	2.0	2.0	7
	A	28344	CICERO - SELECTED WRITINGS	E	2.0	2.0	9(
1989/0	A	15310	INTRODUCTION TO PHILOSOPHY OF LANGUAGE	LE	4.0	4.0	3
	B	15322	TRENDS IN 20TH CENT. PHILOSOPHY	E	2.0	2.0	7

CONTINUED ON NEAT PAGE

SAMPLE

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הפקולטה למדעי הרוח
מזכירות לענייני תלמידים

FACULTY: HUMANITIES

RECORD OF STUDIES — PAGE NO.:

NAME: — STUDENT NO.
08/03/92

YEAR	SEM	COURSE		TYPE	CREDIT	HOURS	GRAI
	A	15352	WITTGENSTEIN'S "PHILOSOPHICAL INVESTIGATIONS"	LE	2.0	2.0	8
	Y	15577	HEROES OF AUTHENTICITY	LS	6.0	6.0	9(
	A	15597	REPRESENTATIONS	LS	2.0	2.0	9(
				S.P.	4.0		9(
	A	15599	HAMLET: PHILOSOPHY AND LITERATURE	LS	2.0	2.0	8
				S.P.	4.0		8
	A	15627	PLATO'S "SYMPOSIUM"	LS	3.0	3.0	9
				S.P.	4.0		9
	B	15643	EARLY WITTGENSTEIN	LS	3.0	3.0	8
	B	31337	DEMOCRACY AND I DIVIDUALISM IN THE U.S.A.	PS	4.0	4.0	8
				PS.P	2.0		8
	Y	39200	WAR IN MODERN HISTORY	L	4.0	4.0	8
	A	39242	THE ANCIENT REGIME IN FRANCE AND ITS FAL	E	4.0	4.0	9(
			SURPLUS STUDIES				
1986/7	Y	45102	ADVANCED ITALIAN	PC	8.0	8.0	9(

WAS ON THE DEAN'S LIST FOR 1986/7 — 122 — 124

EXEMPTED FROM ENGLISH

29/11/90 PHILOSOPHY FINAL GRADE 90
29/11/90 SUPPLEMENTARY STUDIES 89
29/11/90 PHILOSOPHY UNDERGRADUATE FINAL GRADE 90

COMPLETED THE ACADEMIC REQUIREMENTS TOWARDS THE B.A. STUDIES CUM LAUDE CEREMONY IN MAY 1991
THE EXPLANATORY INFORMATION ATTACHED TO THIS RECORD CONSTITUTES AN INTEGRAL PART HEREOF.

SAMPLE

BEST COPY AVAILABLE

Document 1. Record of Studies, Bachelor of Arts Degree, Single Major (Philosophy), The Hebrew University of Jerusalem

האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

THE FACULTY OF HUMANITIES
OFFICE OF STUDENT AFFAIRS

הפקולטה למדעי הרוח
מזכירות לענייני תלמידים

FACULTY: HUMANITIES

RECORD OF STUDIES

NAME: STUDENT NO.

DEPARTMENTS. EAST ASIAN STUDIES, AFRICAN STUDIES

YEAR	SEM	COURSE		TYPE	CREDIT	HOURS	GRAD
			B.A. STUDIES				
1987/8	A	46102	INTRO. TO THE HIST. AND CULTURE OF TRAD. CHINA	LE	4.0	4.0	87
	B	46105	INTRO. TO TRADITIONAL JAPANESE HIST. AND CIV.	LE	4.0	4.0	91
	Y	46107	MODERN CHINESE FOR BEGINNERS	E	12.0	12.0	95
	Y	09118	FRENCH COMPLEMENTARY COURSE FOR ADVANCED	PC	4.0	4.0	90
	A	30102	BIBLIOGRAPHICAL GUIDANCE	E	2.0	2.0	90
	B	30103	INTRODUCTION TO EAST AFRICAN HISTORY	LE	4.0	4.0	92
	A	30108	INTRODUCTION TO WEST AFRICAN HISTORY	LE	4.0	4.0	90
	B	30110	SOCIETY AND SOCIAL HISTORY OF AFRICA	E	4.0	4.0	90
	B	30321	AGRICULTURE IN THE COLONIAL AND POST COLONIAL PERIOD	LE	4.0	4.0	72
1988/9	Y	46111	SPOKEN CHINESE	E	4.0	4.0	93
	B	46207	POLITICS AND DEVELOPMENT IN COMMUNIST CHINA	L	4.0	4.0	80
	B	46300	GEOGRAPHY AND DEVELOPMENT IN CHINA	LE	2.0	2.0	84
	Y	46302	SECOND YEAR MODERN CHINESE	E	4.0	4.0	95
	Y	46313	INTRODUCTION TO CHINESE GRAMMAR	E	2.0	2.0	92
	A	46515	MODERNIZATION AND REVOLUTION IN CHINA 1845-1949	L	4.0	4.0	86
	A	46627	COMMUNISM IN ASIA	S	4.0	4.0	70
				S.P.	4.0		84
	Y	30318	CHRISTIANITY IN AFRICA	LE	4.0	4.0	96
	A	30323	UGANDA	FS	4.0	4.0	90
				FS.P	2.0		90
	B	30406	SOCIETY IN TRADITIONAL ETHIOPIA	LE	2.0	2.0	92
	Y	38106	INTRODUCTION TO THE ISLAMIC RELIGION	L	4.0	4.0	90
	B	56108	HISTORICAL INTRO. TO CONTEMPORARY POLITICS	LE	4.0	4.0	87

CONTINUED ON NEXT PAGE

SAMPLE

האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

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OFFICE OF STUDENT AFFAIRS

הפקולטה למדעי הרוח
מזכירות לענייני תלמידים

FACULTY: HUMANITIES

RECORD OF STUDIES

NAME: STUDENT NO.

YEAR	SEM	COURSE		TYPE	CREDIT	HOURS	GRADE
1989/0	Y	46100	READINGS IN CHINESE NEWSPAPERS	E	2.0	2.0	89
	B	46152	MODERN CHINESE PROSE FOR BEGINNERS	E	2.0	2.0	90
	Y	46303	THIRD YEAR MODERN CHINESE	E	4.0	4.0	91
	Y	46557	ADVANCED SPOKEN CHINESE	E	4.0	4.0	92
	Y	46809	SINO-JAPANESE RELATIONS IN THE 20TH CENT.	S	4.0	4.0	87
				S.P.	4.0		86
	B	30315	ETHIOPIA AFTER THE REVOLUTION OF 1974	LE	3.0	3.0	96
	Y	303.5	ART, HISTORY AND SOCIETY IN NIGERIA	E	4.0	4.0	92
	Y	30407	MODERN HISTORY OF SOUTH AFRICA	L	4.0	4.0	93
	Y	30517	LITERARY RESPONSE TO COLONIZATION	S	4.0	4.0	93
				S.P.	4.0		93
	A	53155	SOCIETY AND CULTURE: ISSUES IN ANTHROPOLOGY	LE	4.0	4.0	89
	B	56310	BASIC CONCEPTS IN PROGRAMMING	LE	2.0	2.0	100
			SUPPLEMENTARY STUDIES				
1988/9	A	58661	CHINA IN AN INTERNATIONAL ARENA	L	4.0	4.0	85

WAS ON THE DEAN'S LIST FOR 1987/8
WAS ON THE DEAN'S LIST FOR 1988/9
WAS ON THE DEAN'S LIST FOR 1989/0

EXEMPTED FROM ENGLISH

25/07/90 EAST ASIAN STUDIES FINAL GRADE 89
05/09/90 AFRICAN STUDIES FINAL GRADE 91

COMPLETED THE ACADEMIC REQUIREMENTS TOWARDS THE B.A. STUDIES **CUM LAUDE**
CEREMONY IN MAY 1991
THE EXPLANATORY INFORMATION ATTACHED TO THIS RECORD CONSTITUTES AN INTEGRAL PART HEREOF.

SAMPLE

Document 2. Record of Studies, Bachelor of Arts Degree, Double Major (East Asian Studies, African Studies), The Hebrew University of Jerusalem

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האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

THE FACULTY OF HUMANITIES
OFFICE OF STUDENT AFFAIRS

הפקולטה למדעי הרוח
מזכירות לענייני תלמידים

FACULTY: HUMANITIES

RECORD OF STUDIES

PAGE NO.1

NAME:
08/03/92

STUDENT NO.

DEPARTMENTS: EDUCATION

YEAR	SEM	COURSE		TYPE	CREDIT	HOURS	GRADE
			B.A. STUDIES				
1987/8	B	11011	READING ENGLISH FOR ACADEMIC PURPOSES	LE	---	4.0	88
	A	20112	THEORY OF DRAMA	E	2.0	2.0	89
	A	20120	HISTORY OF WESTERN THEATRE - MODERN THEATRE	L	2.0	2.0	95
	A	20121	HISTORY OF WESTERN THEATRE - GREECE AND ROME	L	2.0	2.0	80
	A	20141	READING OF SELECTED PLAYS - GREECE AND ROME	E	2.0	2.0	86
	B	34146	EDUCATIONAL PROCESS - AUTONOMOUS OR DETERMINED	E	1.0	1.0	87
	Y	34201	INTRODUCTION TO THE PSYCHOLOGY OF EDUCATION	LE	4.0	4.0	96
	A	34202	INTRODUCTION TO THE SOCIOLOGY OF EDUCATION	L	3.0	3.0	95
	A	34204	INTRODUCTION TO THE PHILOSOPHY OF EDUCATION	LE	2.0	2.0	95
	Y	34205	INTRODUCTION TO DATA ANALYSIS	LE	4.0	4.0	92
	Y	34225	THE EDUCATIONAL PRACTICE	LFW	4.0	4.0	90
	A	34261	COMPUTER LITERACY	LE	2.0	2.0	93
	B	34569	TEXT READING IN EDUCATIONAL THEORY	E	2.0	2.0	95
1988/9	A	34209	EXPERIMENTAL RESEARCH IN EDUCATION	LE	3.0	3.0	92
	B	34210	NON-EXPERIMENTAL RESEARCH IN EDUCATION	LE	3.0	3.0	86
	Y	34219	INTERDISCIPLINARY APPROACHES TO TEACHING	S	4.0	4.0	95
	Y	34444	INTRODUCTION TO NEUROPSYCHOLOGY	LE	4.0	4.0	83
	Y	34507	DEVELOPMENTAL PSYCHOLOGY	LE	4.0	4.0	84
	Y	37101	PSYCH. OF CREATIVE THINKING AND ITS CULTIVATION	S	4.0	4.0	100
				S.P.	4.0		100
	B	20587	THE BIBLICAL PLAY IN HEBREW DRAMA	LE	2.0	2.0	95

CONTINUED ON NEXT PAGE

SAMPLE

האוניברסיטה העברית בירושלים
THE HEBREW UNIVERSITY OF JERUSALEM

THE FACULTY OF HUMANITIES
OFFICE OF STUDENT AFFAIRS

הפקולטה למדעי הרוח
מזכירות לענייני תלמידים

FACULTY: HUMANITIES

RECORD OF STUDIES

PAGE NO.2

NAME:
08/03/92

STUDENT NO.

YEAR	SEM	COURSE		TYPE	CREDIT	HOURS	GRADE
	B	87100	INTRODUCTION TO PHYSICS	L	4.0	4.0	60
1989/0	Y	08611	SEMINAR PAPER FOR EXCELLENT B.A. STUDENTS	S.P.	4.0	4.0	100
					4.0		100
	Y	09103	FRENCH FOR BEGINNERS	FC	8.0	8.0	81
	Y	09116	WRITERS AND LITERARY TRENDS	LE	4.0	4.0	98
	A	09150	INTRO. TO FRENCH CIVILIZATION AND LIT. - PART I	L	2.0	2.0	95
	B	09151	INTRO. TO FRENCH CIVILIZATION AND LIT - PART II	L	2.0	2.0	100
	B	09232	ANDRE GIDE AND HIS TIME	LE	2.0	2.0	80
	Y	20563	THE ARTIFICIAL SCALE IN THE MODERN THEATRE	PS	4.0	4.0	90
				PS.P	2.0		90
	B	23614	MOZART'S MAGIC FLUTE	L	2.0	2.0	85
	B	34515	ETHICS AND EDUCATION	LS	2.0	2.0	98
	Y	34588	PERSONAL THEORIES AND EDUCATION	LE	4.0	4.0	80
	Y	34716	PSYCHODRAMA AND ROLE-PLAYING IN EDUCATION	S	4.0	4.0	90
				S.P.	4.0		90
	Y	34736	THE TALES AND BOOKS OF TOMORROW'S CHILDREN	S	4.0	4.0	95

WAS ON THE DEAN'S LIST FOR 1989/0
23/12/90 WAS EXEMPTED AS RESULT OF PREVIOUS STUDIES

EXEMPTED FROM ENGLISH

01/10/90 EDUCATION FINAL GRADE 92
01/10/90 SUPPLEMENTARY STUDIES 87
01/10/90 EDUCATION UNDERGRADUATE FINAL GRADE 90

COMPLETED THE ACADEMIC REQUIREMENTS TOWARDS THE B.A. STUDIES CUM LAUDE
CEREMONY IN MAY 1991
THE EXPLANATORY INFORMATION ATTACHED TO THIS RECORD CONSTITUTES AN INTEGRAL PART HEREOF.

SAMPLE

Document 3. Record of Studies, Bachelor of Arts Degree, Single Major (Education), The Hebrew University of Jerusalem

BEST COPY AVAILABLE

BEN-GURION UNIVERSITY OF THE NEGEV
P.O.B. [illegible] BEER-SHEVA, ISRAEL

אוניברסיטת בן-גוריון בנגב
ד.ת. [illegible] באר-שבע [illegible]

Faculty of Humanities and Social Sciences

File No.

RECORD OF STUDIES

This is to certify that was registered as a regular student, majoring in the Department of Geography (Major Department); Division of Political Science during the Academic Year: 1987/1988 - 1989/90 and attended the courses specified below:

COURSE	Number of hours Per week		Grade**	Remarks
	First Term*	Second Term*		
Geography 1987/88				
Introduction to Population Geography	3	-	83	
Cartography	-	-	71	
Topography	1	-	92	
Quantitative Methods, I & II	4	2	81	
Introduction to Settlement Geography	-	2	83	
Bibliographical Guidance	-	1	80	
Introduction to Geobotanics	-	2	77	
Introduction to Geology	5	-	78	
1988/89				
Pro Seminar	-	1	80	
Quantitative Methods - Advanced	-	2	61	
Philosophy of Geography	-	2	63	
Field Methods in Coastal Geomorphology	-	2	82	
Geography of the Middle East	-	2	90	
Industrialization of Rural Regions	-	2	86	
Political Organization of Space	-	2	78	
Soil Description	-	2	90	
Dynamics of Urban Systems	-	2	79	

Continued on page 2

Date: April 16, 1991

(Mrs) Ofra Greenfield
Director of Administration

SAMPLE

Document 4. Record of Studies, Bachelor of Arts Degree, Si

BEN-GURION UNIVERSITY OF THE NEGEV
P.O.B. 653, 84105 BEER-SHEVA, ISRAEL

אוניברסיטת בן-גוריון בנגב
באר-שבע 84105

Faculty of Humanities and Social Sciences

File No.

Record of Studies of :.

COURSE	Number of hours Per week First Term*	Second Term*	Grade**	Remarks
Aerial Photography	2	-	88	
Introduction to Meteorology	4	-	75	
Introduction to Economic Geography	2	-	80	
Issues in Regional Development	3	-	88	
History of Mapping in Israel	2	-	87	
Computer Literacy and Programming	3		92	
1989/90				
Geography of Israel I & II	3	3	81	
Political Geography	2	-	92	
Departmental Seminar, I & II	2	2	Pass	P/F
Selected Topics in Urban Geography	2	-	86	
Seminar in Political Geography I & II	2	2	84	S
Spatial Organization of Settlements in Israel	-	2	65	
The Negev Settlement Process	2	-	87	
Division of Political Sciences 1987/88				
Introduction to Israeli Politics, II	-	2	65	
The Individual in Society	-	2	68	
Introduction to Ancient and Medieval Political Philosophy	4	-	59	
Versions of Marxism	-	2	92	

Continued on page 3

Date: April 16, 1991

(Mrs) Ofra Greenfield
Director of Administration

SAMPLE

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אוניברסיטת בן-גוריון בנגב
ת.ד. 653, 84105 באר-שבע

Faculty of Humanities and Social Sciences

page 3

File No.

Record of Studies of Mr.

COURSE	Number of hours per week First Term*	Second Term*	Grade**	Remarks
1988 / 89				
Education for Democracy, I & II	2	2	73	
Introduction to Political Science	4		70	
Political Parties	-		80	
1989 / 90				
Introduction to Military History	2	-	Incomplete	*** S
The Roots of the Cold War and its Implications on Europe and the Middle East I & II	2	2	88	S
Ethical Dilemmas in Education I	2	-	70	
General Studies 1987 / 88				
Library Orientation	1	-	Pass	P / F
English as a Foreign Language - Intermediate Level II	4	-	81	non credit
English as a Foreign Language - Advanced Level I	-		76	non credit

Continued on page 4

Date: April 16, 1991

(Mrs.) Ofrat Greenfield
Director of Administration

SAMPLE

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Document 4 (continued). Record of Studies, Bachelor of Arts Degree, Single Major (Political Science), Ben-Gurion University of the Negev

BEN-GURION UNIVERSITY OF THE NEGEV
P.O.B. 653 84105 BEER-SHEVA, ISRAEL

אוניברסיטת בן-גוריון בנגב
ת.ד. 653 באר-שבע 84105

FACULTY OF ENGINEERING SCIENCES

May 7, 1991

RECORD OF STUDIES

This is to certify that was registered as a full-time student, majoring in Industrial and Management Engineering, and that he took the courses mentioned below:

First year 1984 - 1985

COURSES	GRADES SEM. 1	SEM. 2	SEM. 3	COMMENTS
Introduction to Economics 1 (for Industrial Engineering)	88	-	-	
English for Advanced Students 1 (Technology)	E	-	-	
English for Advanced Students 2 (Technology)	98	-	-	
Calculus B1	88	-	-	
Introduction to Physics A	E	-	-	
Physics Laboratory A (for Technology)	71	-	-	
Basic Chemistry for Engineering Students	87	-	-	
Engineering Graphics 1 for Industrial Engineering	88	-	-	
Humanities	-	93	-	
Introduction to Economics 2 (for Industrial Engineering)	-	76	-	
Calculus B2	-	81	-	
General Physics C1	-	85	-	
Physics Laboratory B (for Technology)	-	88	-	
Basic Chemistry for Engineering Students - Laboratory	-	88	-	
Engineering Graphics 2 for Industrial Engineering	-	74	-	
Practical Metal Cutting for Industrial Engineers	-	70	-	
Introduction to Industrial Engineering & Management	-	84	-	
Scientific Writing	-	93	-	
Introduction to Differential Equations A	-	-	94	

SAMPLE

Yearly Average: 81.0

Grade Scale:	Until 1972-1973	From 1973-74
Excellent:	91 - 100	95 - 100
Very Good:	81 - 90	85 - 94
Good:	71 - 80	75 - 84
Fair:	61 - 70	65 - 74
Pass:	51 - 60	56 - 64
Failure:	0 - 50	0 - 55
Passing Grade	51	56
Maximum Grade	100	100

Legend
C-Completion
E-Exempt
F-Failed
I-Incomplete
N-Non - participation
P-Passed

BEN-GURION UNIVERSITY of the Negev
Faculty of Engineering Sciences
SECRETARY OF THE FACULTY

Assistant to the Faculty Director,
Faculty of Engineering Sciences

Document 5. Record of Studies, Bachelor of Science Degree, Industri

BEN-GURION UNIVERSITY OF THE NEGEV
P.O.B. 653, 84105 BEER-SHEVA, ISRAEL

אוניברסיטת בן-גוריון בנגב
באר-שבע, ת.ד. 653

FACULTY OF ENGINEERING SCIENCES

May 7, 1991

RECORD OF STUDIES

This is to certify that I.D. No. was registered as a full-time student, majoring in Industrial and Management Engineering, and that he/she took the courses mentioned below:-

Second year 1985 - 1986

COURSES	GRADES SEM. 1	SEM. 2	SEM. 3	COMMENTS
Humanities	-	-	-	
Introduction to Structure Programming	94	-	-	
Introduction to Linear Algebra B	94	-	-	
General Physics C2	85	-	-	
Industrial Statistics 1	93	-	-	
Accounting	84	-	-	
Production Processes	91	-	-	
Fundamentals of Assembler Programming	-	95	-	
Introduction to Electrical & Electronic Engineering A1	-	82	-	
Industrial Statistics 2	-	90	-	
Managerial Cost Accounting and Control	-	80	-	
Operations Research 1	-	78	-	
Introduction to Management Information S	-	89	-	
Work Study Methods	-	85	-	

SAMPLE

Yearly Average: 84.3

Grade Scale:	Until 1972-1973	From 1973-74
Excellent:	91 - 100	95 - 100
Very Good:	81 - 90	85 - 94
Good:	71 - 80	75 - 84
Fair:	61 - 70	65 - 74
Pass:	51 - 60	56 - 64
Failure:	0 - 50	0 - 55
Passing Grade:	51	56
Maximum Grade:	100	100

Legend
C-Completion
E-Exempt
F-Failed
I-Incomplete
N-Non - participation
P-Passed

BEN-GURION UNIVERSITY of the Negev
Faculty of Engineering Sciences
SECRETARY OF THE FACULTY
Rivka Kleinberg

Assistant to the Faculty Director,
Faculty of Engineering Sciences

and Management Engineering, Ben-Gurion University of the Negev

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BEN-GURION UNIVERSITY OF THE NEGEV
P.O.B. 653, 84105 BEER-SHEVA, ISRAEL

אוניברסיטת בן-גוריון בנגב
ת.ד. 653, 84105 באר-שבע

FACULTY OF ENGINEERING SCIENCES

May 7, 1991

RECORD OF STUDIES

This is to certify that I.D. No was registered as a full-time student, majoring in Industrial and Management Engineering, and that he took the courses mentioned below:-

Third year 1986 - 1987

COURSES	GRADES SEM 1	SEM 2	SEM 3	COMMENTS
Introduction to Data Base	-	-	-	
Introductory Laboratory to Electrical Engineering A1	-	-	-	
Digital Systems and Computer Structure	80	-	-	
Production Planning and Control 1	81	-	-	
Operations Research 2	93	-	-	
Applications of Statistics in Industrial Engineering	83	-	-	
Microcomputer Applications in Management	78	-	-	
Introduction to Materials for Industrial Engineering	91	-	-	
Introduction to Operating Systems	-	88	-	
Introduction to Mechanical Eng. for Industrial Engineering	-	80	-	
Production Planning and Control 2	-	87	-	
Behavioral Science in Management	-	71	-	
Digital Simulation 1	-	100	-	
Engineering Economics and Decision Analysis	-	83	-	
Quality Control	-	72	-	
File Organization and Processing	-	83	-	
Ergonomics 1	-	88	-	

SAMPLE

Yearly Average: 81.8

Grade Scale:	Until 1972-1973	From 1973-74
Excellent:	91 - 100	95 - 100
Very Good:	81 - 90	85 - 94
Good:	71 - 80	75 - 84
Fair:	61 - 70	65 - 74
Pass:	51 - 60	56 - 64
Failure:	0 - 50	0 - 55
Passing Grade	51	56
Maximum Grade	100	100

Legend
C-Completion
E-Exempt
F-Failed
I-Incomplete
N-Non - participation
P-Passed

BEN-GURION UNIVERSITY of the Negev Faculty of Engineering Sciences SECRETARY OF THE FACULTY

Rivka Kleinberg

Assistant to the Faculty Director,
Faculty of Engineering Sciences

57

Document 5 (continued). Record of Studies, Bachelor of Science Degree, I

BEST C

BEN-GURION UNIVERSITY OF THE NEGEV
P.O.B. 653, 84105 BEER-SHEVA, ISRAEL

אוניברסיטת בן-גוריון בנגב
ת.ד. 653, 84105 באר-שבע, ישראל

FACULTY OF ENGINEERING SCIENCES

May 7, 1991

RECORD OF STUDIES

This is to certify that I.D. No. was registered as a full-time student, majoring in Industrial and Management Engineering, and that he took the courses mentioned below:-

Fourth year 1987 - 1988

COURSES	GRADES SEM.1	SEM. 2	SEM. 3	COMMENTS
Computer Applications in Industrial Engineering	[illegible]	-	-	
Plant Organization and Industrial Management	[illegible]	-	-	
Seminar and Senior Project 1	98	-	-	
Data Bases: Principles, Models and Design	76	-	-	
Stochastic Processes	[illegible]	-	-	
Computer Communication Systems for Management	89	-	-	
Applications of Operations Research	88	-	-	
Analysis and Design of Information Systems	76	-	-	
Financial Management	-	87	-	
Case Studies in Industrial Engineering 1	-	86	-	
Seminar and Senior Project 2	-	98	-	
Labor Relations and Manpower Management	-	77	-	
Queuing Theory	-	99	-	
Statistical Theory of Reliability & Life Testing	-	91	-	Extra-Course

SAMPLE

Yearly Average: 89.2
Cumulative Average: 89.0

Grade Scale:	Until 1972-1973	From 1973-74
Excellent:	91 - 100	95 - 100
Very Good:	81 - 90	85 - 94
Good:	71 - 80	75 - 84
Fair:	61 - 70	65 - 74
Pass:	51 - 60	56 - 64
Failure:	0 - 50	0 - 55
Passing Grade:	51	56
Maximum Grade:	100	100

Legend
C-Completion
E-Exempt
F-Failed
I-Incomplete
N-Non - participation
P-Passed

BEN-GURION UNIVERSITY of the Negev Faculty of Engineering Sciences SECRETARY OF THE FACULTY

Assistant to the Faculty Director,
Faculty of Engineering Sciences

OPY AVAILABLE

מכללת בית ברל
Beit Berl College

THE COLLEGE PRINCIPAL AND ACADEMIC COUNCIL
AWARD

MR./MS. [redacted]
I.D. NO. [redacted]

THE TITLE OF

B.Ed. (BACHELOR OF EDUCATION)

AFTER HE/SHE COMPLETED HIS/HER LAWFUL STUDIES
AND MET ALL THE ACADEMIC AND PEDAGOGICAL
REQUIREMENTS IN THE TREND OF INFORMAL EDUCATION
SPECIALIZING IN YOUTH IN DISTRESS, SOCIETY AND CIVICS

SAMPLE

ISSUED ON 18 IYAR 5748
5.5.1988

(—)
College Principal

(—)
Academic Council Chairman

[redacted]

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Document 6. Diploma, Nonuniversity Bachelor of Education Degree, Beit Berl College

מכללת בית ברל
Beit Berl College

GRADE REPORT

We hereby certify that Mr./Ms. [redacted]
studied in our institution in the years: 1984-1987 (5744-5747)
in the program/trend/major: Social-Communal Education, Youth in Distress,
specializing in: Society and Civics
Towards a degree/certificate: B.Ed "Bachelor of Education"
and participated in the following courses:

Year	COURSE TITLE	Name of Teacher	Yearly Hours	Type of Course	Grade
	EDUCATION				
1984 (5744)	Basic Concepts in Statistics	B. Prosko	1	Lecture+Exercise	80
1984 (5744)	Introduction to Informal Education	A. Riezel	1	Lecture+Exercise	76
1984 (5744)	Basic Concepts of Education Theory	B. Bloch	1	Lecture+Exercise	87
1984 (5744)	Basic Concepts of Psychology	Z. Amber	1	Lecture+Exercise	84
1984 (5744)	Research Methods	B. Prosko	1	Lecture+Exercise	65
1984 (5744)	Introduction to "Youth in Distress"	D. Ofek	1	Lecture+Exercise	80
1984 (5744)	Psychology of Adolescence	Z. Amber	1	Lecture+Exercise	80
1984 (5744)	Knowledge of Informal Education Framework	A. Maor	3	Practicum	75
1985 (5745)	Vocational Psychology for Youth	R. Shifron	1	Lecture+Exercise	70
1985 (5745)	Introduction to Criminology	I. Kim	1	Lecture+Exercise	80
1985 (5745)	Individual and Society	Dr. R. Ben-Ari	1	Lecture+Exercise	85
1985 (5745)	Issues in Moral Education	Dr. M. Erlich	1	Lecture+Exercise	75
1985 (5745)	Group Dynamics	Gendunken/Kfir	1	Lecture+Exercise	65
1985 (5745)	Juvenile Delinquency	I. Kim	1	Lecture+Exercise	80
1985 (5745)	Psychology of Dra	Dr.Y.Bar-Zohar	1	Lecture+Exercise	85
1985 (5745)	Psychology of Lea	Dr. R. Arnon	1	Lecture+Exercise	90
1985 (5745)	Group and Leader	Dr. R. Ben-Ari	1	Lecture+Exercise	84
1985 (5745)	Interview and Youth in Distress	D. Ohad	2	Practicum	78
1985 (5745)	"Special Care" Pupils	A. Hoiner	1	Lecture+Exercise	75
1985 (5745)	Research Methods B	B. Prosko	1	Lecture+Exercise	70
1985 (5745)	Interview and Youth in Distress	D. Ohad	2	Workshop	78
	SOCIETY				
1984 (5744)	Introduction to Sociology - A	Dr. N. Feigin	1	Lecture+Exercise	86
1985 (5745)	Basic Exercise	Dr. I. Peled	1	Lecture+Exercise	80
1984 (5744)	Introduction to Economics	S. Yuval	2	Lecture+Exercise	70
1984 (5744)	Introduction to Sociology - B	Dr. N. Feigin	1	Lecture+Exercise	83
1984 (5744)	Introduction to Political Idea	Dr. I. Peled	2	Lecture+Exercise	85
1985 (5745)	Israel's Regime	Dr. S. Zelnucker	1	Lecture+Exercise	60

Notes: 1. Grade of 60 and up is a passing grade.
2. 1 yearly hour = 1 weekly hour per year = 30 single hours

Students Administration

בית ברל, דואר בית ברל
052 25155 448188 70 44905 מיקוד
Beit Berl Door Beit Berl
Kfar Saba 44905 Tel 052 25155 448188

SAMPLE

BEST

מכללת בית ברל
Beit Berl College

Name of Student: [redacted] Page No. 2

Year	COURSE TITLE	Name of Teacher	Yearly Hour	Type of Course	Grade
1985 (5745)	Parties in Israel	Dr S.Zeinucker	1	Lecture+Exercise	70
1985 (5745)	Family in Changing Society	R. Schnft	1	Lecture+Exercise	67
1985 (5745)	Israel's Social Structure	Dr S.Zelnicker	1	Lecture+Exercise	90
1985 (5745)	Religion and Society in Israel	Dr A.Erlich	1	Lecture+Exercise	84
	ENRICHEMENT STUDIES				
1984 (5744)	Hebrew Expression	I. Wolfheim		Lecture+Exercise	75
1985 (5745)	Physical Education	M. Shani		Lecture+Exercise	80
1985 (5745)	Advanced A - English	M. Perst		Lecture+Exercise	63
1985 (5745)	Knowledge of the Computer	Dr. Milin	1	Lecture+Exercise	80
	GENERAL KNOWLEDGE				
1984 (5744)	Socialism and the Labor Movement	Dr. A. Harel	1	Lecture+Exercise	85
1985(5745)	Family in Jewish Tradition	Dr.D.Zisman	1	Lecture+Exercise	90
1984(5744)	Issues in Rambam's Theory	Dr. A. Dan	1	Lecture+Exercise	65
1984 (5745)	History of the Settlement	Dr. Z. Gamin	1	Lecture+Exercise	80
1985 (5745)	Israel's Festivals	S. Ziv	2	Lecture+Exercise	85
1985 (5745)	The Five Megiloth (Scrolls)	S. Kamuel	1	Lecture+Exercise	70

Notes: 1. Grade of 60 and up is a passing grade
2. 1 yearly hour = 1 weekly hour per year = 30 single hours

SAMPLE

Students Administration

בית ברל, דואר בית ברל
052 25155, 44810 מיקוד 44905 הוד השרון
Bet Berl Doar Bet Berl
Hod Hasha 44905 Tel 052 25155 44810

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מכללת בית ברל
Beit Berl College

1 Nissan 5748
24 March 1988

5.5 Accumulated Grade Report

[redacted]

Trend: Youth in Distress
towards a B. Ed
Specializing: [illegible] and Civics
Date of beginning: [illegible]4 (5744)
year: [illegible]
Status: [illegible]ed in 1987

SAMPLE

1986 (5746)

COURSE No	COURSE TITLE	[illegible]	Semester	Yearly Hours	Credit	Name of teacher	Grade
0102026	Youth Cultures	Advanced Course	B	1.0	1.0	Hauser Esther	80
0102029	Introduction to Communal Work	Advanced Course	A	1.0	1.0	Harel Rivka	90
0102030	Methods of Treatment of Disconnected Youth	Advanced Course	B	1.0	1.0	Harel Rivka	90
0102044	Valued Considerations in Education	Advanced Course	A	1.0	1.0	Harel Rivka	85
0103005	Estrangement and Disconnection of Youth	Seminar	Yearly	2.0	2.0	Dr. Dvora Kfir	78
0501004-1	Advanced - B English	Introduction	A	2.0	2.0	Dr. Izhak Eisen	62
0501006-3	Processes and Phenomena in Modern Hebrew	Introduction	Yearly	2.0	2.0	Amir Zvi	67
1102013	Spain Song - Tehilim (Book of Psalms)	Advanced Course	A	1.0	1.0	Dr. Yosef Rash	66
1302007-2	Israel-Arab Conflict	Advanced Course	B	1.0	1.0	Dr S.Zelnicker	65
1502012	Introduction to International Relations	Advanced Course	A	1.0	1.0	Dr.B.Neuberger	80
1502014	Nationalism and Zionism	Advanced Course	B	1.0	1.0	Dr. B.Neuberger	90
1502015	The Arabic Society-Structure and Change	Advanced Course	A	1.0	1.0	Dr.Eilath A.	75
1502019	Communal Centers	Advanced Course	A	1.0	1.0	Kim Israel	75
1502020	Social Deviance	Advanced Course	B	1.0	1.0	Kim Israel	90
1502021	Sociology of the Kibbutz	Advanced course	B	1.0	1.0	Dr. Eilath A.	88
1503002	Movements and Politics in Israel	Seminar	Yearly	2.0	2.0	Dr S.Zelnicker	70
8705011	Diagnosis and Treatment "Youth in Distress"	Practicum	A	1.0	1.0	Hamenahem A.	80
8705012	Practicum - 3rd Year	Practicum	Yearly	8.0	8.0	Hamenahem A.	82

[illegible]
[illegible]
[illegible]
Beit Berl Dror Beit Berl
Kfar Saba 44905 Tel 052 75155, 448188

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Document 7 (continued). Record of Studies, Nonu

מכללת בית ברל
Beit Berl College

5.5 Accumulated Grade Report

6 Nissan 5748
24 March 1988
Page 2

[redacted] [redacted]

1986 (5746)

COURSE No.	COURSE TITLE	Course Type	Semester	Yearly Hours	Credit	Name of teacher	Grade
8705013	Analysis & Treatment of Youth in Distress - B	Practicum	B	1.0	1.0	Harel Rivka	87

1987(5747)

COURSE No.	COURSE TITLE	Course Type	Semester	Yearly Hours	Credit	Name of teacher	Grade
0102011	Psychopathology (Adolescents)	Advanced Course	B	1.0	1.0	Obad David	79
0102017	Methods of Interview	Advanced Course	B	1.0	1.0	Kfir Zvi	90
0102025	Equal Opportunities in Education	Advanced Course	A	1.0	1.0	Dr. A. Erlich	80
0102031	Integration of Disadvantaged Youth in Ordinary Frameworks	Advanced Course	B	1.0	1.0	Dr. Dvora Kfir	67
1703010	Educational Applications of Psychol	Seminar	Yearly	2.0	2.0	Dr. Amon Rachel	90
1502018	Sociological Theories	Advanced Course	B	1.0	1.0	Dr. Erlich A.	75
1502024	Social Change and Political Chan	Advanced Course	B	1.0	1.0	Dr. S. Zalmucker	86
1502028	Gaps and Stratification in Soci	Advanced Course	A	1.0	1.0	Dr. S. Bizau	88
8704005	Diagnosis and Treatment - C	Workshops	A	1.0	1.0	Harel Rivka	78
8704006	Diagnosis and Treatment - D	Workshops	B	1.0	1.0	Haya Heskal	78
8705004	Practicum in Diagnosis C-D	Practicum	Yearly	8.0	8.0	Hamenhaem Amnay	83

SAMPLE

passing grade is 60 and up.

1 weekly hour per year = 30 single hours

*** GPA: 80

This list is valid only if it bears
the signature of the secretary

students administration

בית ברל 44905 כפר סבא
052 75155, 448188 :טל
Beit Berl Doar Beit Berl
Kfar Saba 44905 Tel 052 75155, 448188

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TEL AVIV UNIVERSITY

THE RECTOR OF THE UNIVERSITY
AND THE DEAN OF THE FACULTY OF MEDICINE

HEREBY CONFER ON

[redacted]

THE DEGREE OF

MASTER OF SCIENCE

UPON COMPLETION OF HIS COURSE OF STUDIES IN

HISTOLOGY

AND HAVING SUBMITTED A THESIS AND PASSED
THE EXAMINATIONS

SAMPLE

TEL AVIV, June 30, 1957

(-)
T. Ben-Shmul
RECTOR

(-)
E. Bolshis
DEAN

I HEREBY CERTIFY THAT THE ABOVE IS A CORRECT
TRANSLATION OF THE ORIGINAL DIPLOMA IN HEBREW

DATE June 27, 1990

(Mrs.) H. Ben-Shachar
ACADEMIC SECRETARY
TEL-AVIV UNIVERSITY

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Document 8. Diploma, Master of Science Degree (Histology), Tel Aviv University

TEL AVIV UNIVERSITY
SACKLER FACULTY OF MEDICINE

אוניברסיטת תל-אביב
הפקולטה לרפואה ע"ש סאקלר

April 25, 1990

TO WHOM IT MAY CONCERN

This is to certify that [redacted] completed her studies towards the M.Sc. degree in the Department of Histology and Cell Biology, Sackler School of Medicine.

The following are her grades:

Biostatistics	77
Computers	77
Introd. to Medical Sciences (a)	87
Histology	76
Cell and Components	73
Immunology	75
Hemopoiesis	80
Aging	95
Experimental Models in Medical Research	75
The Use of Laboratory Animals in Bio-Medical Research	75
Seminar	90
Thesis	82
Final Average	82.7

SAMPLE

Sincerely,

Prof. Y. Sarne
Associate Dean

קרית האוניברסיטה, רמת אביב, תל אביב 69978, ת.ד. 39040, טל. 03-5450111, פקסימיליה 03-410173
RAMAT AVIV TEL AVIV 69978 ISRAEL P.O.B 39040 TEL 03 5450111 FAX 972 3 410173

Document 9. Record of Studies, Master of Science Degree (Histology), Tel Aviv University

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THE HEBREW UNIVERSITY OF JERUSALEM

FACULTY: LIBRARY SCIENCE

RECORD OF STUDIES

PAGE NO. 1

NAME: [redacted] STUDENT NO.

10/11/87

DEPARTMENTS: LIBRARY SCIENCE

YEAR	SEM	COURSE		TYPE	CREDIT	HOURS	GRADE
			30/10/82 LIBRARY SCIENCE DIPLOMA FINAL CEREMONY IN JUNE 1983				88
			M.A. STUDIES				
1980/1		02102	CATALOGUING		---	2.2	96
		02104	ORGANIZATION OF INFORMATION		---	1.1	80
		02106	BASIC, GENERAL AND JEWISH BIBLIOGRAPHY		---	2.2	80
		02117	HISTORY OF THE HANDWRITTEN BOOK	L	---	1.1	72
		02118	HISTORY OF THE HEBREW BOOK	L	---	1.1	94
		02122	HISTORY OF LIBRARIES.	L	---	1.1	80
		02130	CLASSIFICATION	L	---	2.2	90
		02132	MANAGEMENT AND ORGANIZATION OF LIB SYSTEMS	L	---	2.2	84
		02217	THE COMPUTER IN LIBRARY SERVICE	L	2.1	1.1	70
		02218	REPROGRAPHY - SYSTEMS AND METHODS	L	---	1.1	90
		02219	BOOK AND PAPER PRESERVATION	L	---	1.1	86
		02301	INTRODUCTION TO INFORMATION SCIENCE	L	---	1.1	72
		02302	BASIC DATA PROCESSING	L	---	1.1	95
1981/2		02110	RESOURCES IN THE SCIENCES	L	1.9	1.0	94
	A	02124	THE PUBLIC LIBRARY AND ITS FUNCTION	L	---	1.0	96
		02125	READING AND READERS IN PUBLIC LIBRARIES	S	---	1.0	86
		02153	ORGANIZATION OF NON-PRINT MATERIALS	L	---	1.0	89
		02155	COMP. BIBLIOGRAPHIC AND INFOR. SERVICES	L	---	1.0	67
		02220	THE HIGH SCHOOL LIB. AS A LEARNING CENTER	L	---	1.0	90
		02221	CHILDRENS LITERATURE	L	---	1.0	90
		02501	INTRODUCTION TO APCHIVE STUDIES	L	---	1.0	89
			01/11/85 LIBRARY SCIENCE M.A. THESIS				93
			01/11/85 LIBRARY SCIENCE M.A. FINAL GRADE				90

SAMPLE

THE HEBREW UNIVERSITY JERUSALEM
Graduate School of Library & Archive Studies
P.O.B. 503

Document 10. Record of Studies, Master of Arts De

THE HEBREW UNIVERSITY OF JERUSALEM

ULTY: LIBRARY SCIENCE

RECORD OF STUDIES

PAGE NO. 2

STUDENT NO.

1/87

	TYPE	CREDIT HOURS	GRADE
OMPLETED THE ACADEMIC REQUIREMENTS TOWARDS THE M.A. DEGREE CUM LAUDE			
EREMONY IN JUNE 1986			

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THE HEBREW UNIVERSITY JERUSALEM
Graduate School of Library & Archive Studies
P.O.B. 503

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TECHNION — ISRAEL INSTITUTE OF TECHNOLOGY
GRADUATE SCHOOL

RECORD OF GRADUATE WORK FOR THE DEGREE OF MASTER OF SCIENCE

Name: **Date of Admission:** 1.10.1989
Student No.:
Faculty: Industrial Engineering and Management

NO. AND TITLE OF COURSE	Sem. Credit Points	Year	GRADE Sem. 1	GRADE Sem. 2
Prerequisites				
094163 Fundamentals of CIMS	4	89/90	80	-
Graduate School Courses				
098114 Design of assembly systems 2	2	"	98	-
099600 Production planning and control	2	"	95	-
096560 Expert systems in production	2	"	-	94
098113 Seminar in production management	2	"	-	98
098125 Planning and development of new products	2	"	-	92
098320 Optimization for engineers	2	"	-	98
096310 Applied stochastic processes	2.5	90/91	91	-
098192 Advanced topics in industrial engineering	2	"	90	-
098163 Planning and programming robot operation	2	"	-	98
English - advanced level	-	"	Passed	-

Subject of Thesis (Research) in progress: "Reducing Learning and Forgetting Costs in Production Lines".

Remarks: Mr. was awarded 4 credit points on the basis of graduate courses taken at Ben-Gurion University.

G.P.A.: 92.15%

October 16, 1991
Date

Judith Golan
Administrative Assistant to the Dean

: 0-100. Passing grade: 65

SAMPLE

Document 11. Record of Studies, Master of Science Degree (Industrial Engineering and Management), The Technion - Israel Institute of Technology Graduate School

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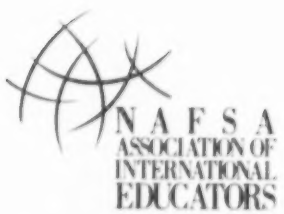
American Association of Collegiate Registrars and Admissions Officers

One Dupont Circle, NW, Suite 330, Washington, DC 20036-1171



NAFSA: Association of International Educators

1875 Connecticut Avenue, NW, Suite 1000, Washington, DC 20009-5728

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